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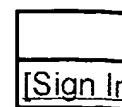
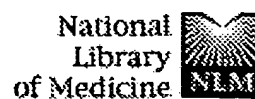
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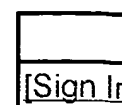
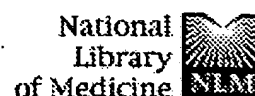
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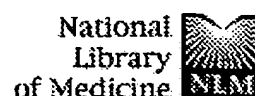
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
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
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
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
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Activation of FAK and Src are receptor-proximal event required for netrin signaling.

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























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
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








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











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











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



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
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
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
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


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
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






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











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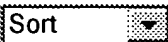


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FILE 'USPATFULL' ENTERED AT 11:10:08 ON 15 MAR 2005  
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CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

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70 FILES SEARCHED...  
L1 565 UNC5 OR UNC5H1 OR UNC5H2 OR UNC5H

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DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE,  
DRUGMONOG2, FEDRIP, FOREGE, GENBANK, IMSPRODUCT, IMSRESEARCH, KOSMET,  
MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, PROUSDDR, PS, RDISCLOSURE,  
SYNTHLINE'.  
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE  
PROCESSING COMPLETED FOR L1  
L2 313 DUP REM L1 (252 DUPLICATES REMOVED)

=> D L2 1-313

L2 ANSWER 1 OF 313 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2005:141212 CAPLUS  
TI Primary rat hepatocyte toxicity modeling using changes in gene expression  
as toxicity markers  
IN Mendrick, Donna; Porter, Mark; Johnson, Kory; Higgs, Brandon; Castle,  
Arthur; Orr, Michael S.; Elashoff, Michael  
PA Gene Logic, Inc., USA  
SO PCT Int. Appl., 1071 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005014793	A2	20050217	WO 2004-US25646	20040809
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,			

L2 ANSWER 2 OF 313 USPATFULL on STN  
AN 2005:30820 USPATFULL  
TI Transmembrane protein  
IN Fitzgerald, Stephen Noel, London, UNITED KINGDOM  
Fagan, Richard Joseph, London, UNITED KINGDOM  
Phelps, Christopher Benjamin, London, UNITED KINGDOM  
Power, Christine, Thoiry, FRANCE  
Yorke, Melanie, Confignon, SWITZERLAND  
PI US 2005026251 A1 20050203  
AI US 2004-872681 A1 20040621 (10)  
RLI Continuation-in-part of Ser. No. WO 2002-GB5856, filed on 20 Dec 2002,  
UNKNOWN  
PRAI GB 2001-30721 20011221  
DT Utility  
FS APPLICATION  
LN.CNT 3437  
INCL INCLM: 435/069.100  
INCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500  
NCL NCLM: 435/069.100  
NCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500  
IC [7]  
ICM: C07K014-705  
ICS: C07H021-04  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 3 OF 313 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on  
STN  
AN 2005:142390 SCISEARCH  
GA The Genuine Article (R) Number: 891IP  
TI Denervation-induced alterations in gene expression in mouse skeletal  
muscle  
AU Magnusson C; Svensson A; Christerson U; Tagerud S (Reprint)  
CS Univ Kalmar, Dept Chem & Biomed Sci, SE-39182 Kalmar, Sweden (Reprint)  
CYA Sweden  
SO EUROPEAN JOURNAL OF NEUROSCIENCE, (JAN 2005) Vol. 21, No. 2, pp. 577-580.  
Publisher: BLACKWELL PUBLISHING LTD, 9600 GARSINGTON RD, OXFORD OX4 2DG,  
OXON, ENGLAND.  
ISSN: 0953-816X.  
DT Article; Journal  
LA English  
REC Reference Count: 35  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L2 ANSWER 4 OF 313 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on  
STN  
AN 2005:59051 SCISEARCH  
GA The Genuine Article (R) Number: 884JF  
TI High-density single nucleotide polymorphism array defines novel stage and  
location-dependent allelic imbalances in human bladder tumors  
AU Koed K; Wiuf C; Christensen L L; Wikman F P; Zieger K; Moller K; von der  
Maase H; Orntoft T F (Reprint)  
CS Aarhus Univ Hosp, Dept Clin Biochem, Mol Diagnost Lab, DK-8200 Aarhus,  
Denmark (Reprint); Aarhus Univ Hosp, Dept Urol, DK-8200 Aarhus, Denmark;  
Aarhus Univ Hosp, Dept Oncol, DK-8200 Aarhus, Denmark; Aarhus Univ,  
Bioinformat Res Ctr, Aarhus, Denmark  
CYA Denmark  
SO CANCER RESEARCH, (1 JAN 2005) Vol. 65, No. 1, pp. 34-45.  
Publisher: AMER ASSOC CANCER RESEARCH, 615 CHESTNUT ST, 17TH FLOOR,  
PHILADELPHIA, PA 19106-4404 USA.  
ISSN: 0008-5472.  
DT Article; Journal  
LA English  
REC Reference Count: 37  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

Learning Company; All Rights Reserved on STN  
AN 2004:66525 DISSABS Order Number: AAI3127403  
TI Signaling by the netrin receptor \*\*\*UNC5H1\*\*\* : Regulating repulsion  
versus apoptosis in the nervous system  
AU Williams, Megan Elise [Ph.D.]; Hinck, Lindsay [advisor]  
CS University of California, Santa Cruz (0036)  
SO Dissertation Abstracts International, (2004) Vol. 65, No. 3B, p. 1184.  
Order No.: AAI3127403. 139 pages.  
DT Dissertation  
FS DAI  
LA English  
ED Entered STN: 20041129  
Last Updated on STN: 20041129

L2 ANSWER 6 OF 313 DISSABS COPYRIGHT (C) 2005 ProQuest Information and  
Learning Company; All Rights Reserved on STN  
AN 2004:53941 DISSABS Order Number: AAI3119861  
TI Specification and pathfinding of sensory neurons  
AU Guan, Wei [Ph.D.]; Condic, Maureen L. [advisor]  
CS The University of Utah (0240)  
SO Dissertation Abstracts International, (2004) Vol. 65, No. 1B, p. 98. Order  
No.: AAI3119861. 90 pages.  
DT Dissertation  
FS DAI  
LA English  
ED Entered STN: 20041004  
Last Updated on STN: 20041004

L2 ANSWER 7 OF 313 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN  
DUPLICATE 1  
AN 2004-25664 BIOTECHDS  
TI Detecting neoplasia in lung cells comprises detecting the level of  
expression of at least one gene selected from EGFR-RS, RYK, TNFRS25,  
TRPM7, \*\*\*UNC5H2\*\*\*, KCP3 and KIAA 1883;  
cDNA detection and antitumor drug screening for lung cancer diagnosis  
and therapy  
AU ROBERTS B L  
PA GENZYME CORP  
PI WO 2004091511 28 Oct 2004  
AI WO 2004-US11193 12 Apr 2004  
PRAI US 2003-462028 10 Apr 2003; US 2003-462028 10 Apr 2003  
DT Patent  
LA English  
OS WPI: 2004-766692 [75]

L2 ANSWER 8 OF 313 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN  
DUPLICATE 2  
AN 2004-15298 BIOTECHDS  
TI Modulating synaptic growth or plasticity for treating a condition  
associated with damaged or diseased synapses by increasing the expression  
of a BDNF-inducible nucleic acid sequence or activity of its encoded  
protein;  
brain-derived neurotrophic factor inducible nucleic acid sequence used  
in gene therapy  
AU BLACK I B  
PA UNIV NEW JERSEY MEDICINE and DENTISTRY  
PI WO 2004041778 21 May 2004  
AI WO 2003-US34777 31 Oct 2003  
PRAI US 2002-422986 1 Nov 2002; US 2002-422986 1 Nov 2002  
DT Patent  
LA English  
OS WPI: 2004-400617 [37]

L2 ANSWER 9 OF 313 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN  
DUPLICATE 3  
AN 2004-08081 BIOTECHDS  
TI Inhibiting neuronal cell death using neuronal marker genes and proteins,  
useful for diagnosing, preventing and/or treating optic nerve

disease and glaucoma;  
involving vector-mediated gene transfer and expression in host cell  
for use in gene therapy

AU ZACK D J; QUIGLEY H A  
PA UNIV JOHNS HOPKINS  
PI WO 2004007675 22 Jan 2004  
AI WO 2003-US21738 14 Jul 2003  
PRAI US 2002-395821 15 Jul 2002; US 2002-395821 15 Jul 2002  
DT Patent  
LA English  
OS WPI: 2004-122916 [12]

L2 ANSWER 10 OF 313 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 4  
AN 2004:293433 CAPLUS  
DN 140:333590

TI Human cDNA sequences and their encoded proteins and diagnostic and  
therapeutic uses

IN Shimkets, Richard A.; Taupier, Raymond J.; Burgess, Catherine E.;  
Zerhusen, Bryan D.; Mezes, Peter S.; Rastelli, Luca; Malyankar, Uriel M.;  
Grosse, William M.; Alsobrook, John P.; Lepley, Denise M.; Spytek,  
Kimberly Ann; Li, Li; Edinger, Shlomit; Gerlach, Valerie; Ellerman, Karen;  
MacDougall, John R.; Gunther, Erik; Millet, Isabelle; Stone, David J.;  
Smithson, Glennda; Szekeres, Edward S.; Ji, Weizhen

PA USA

SO U.S. Pat. Appl. Publ., 248 pp., Cont.-in-part of U.S. Ser. No. 972,211.  
CODEN: USXXCO

DT Patent  
LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 2004068095	A1	20040408	US 2002-96625	20020313
	US 2004048245	A1	20040311	US 2001-972211	20011005
PRAI	US 2001-275892P	P	20010314		
	US 2001-296860P	P	20010608		
	US 2001-972211	A2	20011005		
	US 2000-238323P	P	20001005		
	US 2000-238325P	P	20001005		
	US 2000-238372P	P	20001006		
	US 2000-238373P	P	20001006		
	US 2000-238379P	P	20001006		
	US 2000-238382P	P	20001006		
	US 2000-238383P	P	20001006		
	US 2000-238384P	P	20001006		
	US 2000-238397P	P	20001006		
	US 2000-238400P	P	20001006		
	US 2000-238401P	P	20001006		
	US 2000-238402P	P	20001006		

L2 ANSWER 11 OF 313 IFIPAT COPYRIGHT 2005 IFI on STN DUPLICATE 5

AN 10579289 IFIPAT;IFIUDB;IFICDB

TI NEURONAL GENE EXPRESSION PATTERNS

IN Kageyama Masaaki (JP); Zack Donald Jeffery

PA Johns Hopkins University (39884)

PI US 2004086511 A1 20040506

AI US 2003-617885 20030714

PRAI US 2002-395753P 20020712 (Provisional)

FI US 2004086511 20040506

DT Utility; Patent Application - First Publication

FS CHEMICAL  
APPLICATION

CLMN 53

GI 4 Figure(s).

FIG. 1 shows genes which were up regulated subsequent to serum withdrawal  
from PC12 cells.

FIG. 2 shows genes which were down regulated subsequent to serum  
withdrawal from PC12 cells.

FIG. 3 shows genes which were up regulated subsequent to NGF withdrawal

FIG. 4 shows genes which were down regulated subsequent to NGF withdrawal from PC12 cells.

L2 ANSWER 12 OF 313 IFIPAT COPYRIGHT 2005 IFI on STN DUPLICATE 6  
AN 10574430 IFIPAT;IFIUDB;IFICDB  
TI NEURONAL AND OPTIC NERVE GENE EXPRESSION PATTERNS  
IN Quigley Harry A; Zack Donald Jeffery  
PA Johns Hopkins University (39884)  
PI US 2004081652 A1 20040429  
AI US 2003-617888 20030714  
PRAI US 2002-395821P 20020715 (Provisional)  
FI US 2004081652 20040429  
DT Utility; Patent Application - First Publication  
FS CHEMICAL  
APPLICATION

CLMN 53

GI 9 Figure(s).

FIG. 1 shows genes which were down-regulated at day 1 after axiotomy, comparing one eye to the other in each animal.

FIG. 2 shows genes which were up-regulated at day 3 after axiotomy, comparing one eye to the other in each animal.

FIG. 3 shows genes which were down-regulated at day 3 after axiotomy, comparing one eye to the other in each animal.

FIG. 4 shows genes which were up-regulated at day 7 after axiotomy, comparing one eye to the other in each animal.

FIG. 5 shows genes which were down-regulated at day 7 after axiotomy, comparing one eye to the other in each animal.

FIG. 6 shows genes which were up-regulated at day 14 after axiotomy, comparing one eye to the other in each animal.

FIG. 7 shows genes which were down-regulated at day 14 after axiotomy, comparing one eye to the other in each animal.

FIG. 8 shows genes whose expression was modulated using tests AF, AS, BF, andn BS. These tests compared treated rats with a single axiotomy to control rats with no axiotomy.

FIG. 9 shows the names of genes whose numbers are referenced in FIG. 9.

L2 ANSWER 13 OF 313 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2004:60633 CAPLUS  
DN 140:126705  
TI Markers of neuronal cell death and their use in diagnosis and therapy  
IN Zack, Donald J.; Kageyama, Masaaki  
PA The Johns Hopkins University, USA  
SO PCT Int. Appl., 109 pp.  
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 2004007673	A2	20040122	WO 2003-US21729	20030714
	WO 2004007673	A3	20041118		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2004086511	A1	20040506	US 2003-617885	20030714
PRAI	US 2002-395753P	P	20020712		

L2 ANSWER 14 OF 313 USPATFULL on STN  
AN 2004:314506 USPATFULL  
TI Beta netrin and uses thereof  
IN Olson, Pamela, Brookline, MA, UNITED STATES

Brunken, William, Canton, MA, UNITED STATES  
 Koch, Manuel, Cambridge, MA, UNITED STATES  
 Burgeson, Robert, Marblehead, MA, UNITED STATES  
 PA The General Hospital Corporation, a Massachusetts corporation (U.S. corporation)  
 PI US 2004248178 A1 20041209  
 AI US 2004-831979 A1 20040426 (10)  
 RLI Continuation of Ser. No. US 2001-795671, filed on 28 Feb 2001, PENDING  
 PRAI US 2000-229893P 20000901 (60)  
 US 2000-185811P 20000229 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 5834  
 INCL INCLM: 435/006.000  
 INCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500  
 NCL NCLM: 435/006.000  
 NCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500  
 IC [7]  
 ICM: C12Q001-68  
 ICS: C07H021-04; C07K014-705  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 15 OF 313 USPATFULL on STN  
 AN 2004:314494 USPATFULL  
 TI Novel human membrane proteins and polynucleotides encoding the same  
 IN Walke, D. Wade, Spring, TX, UNITED STATES  
 Scoville, John, Houston, TX, UNITED STATES  
 PI US 2004248166 A1 20041209  
 AI US 2004-798721 A1 20040311 (10)  
 RLI Continuation of Ser. No. US 2001-969532, filed on 2 Oct 2001, GRANTED,  
 Pat. No. US 6777232  
 PRAI US 2000-237280P 20001002 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 2874  
 INCL INCLM: 435/006.000  
 INCLS: 435/069.100; 435/226.000; 435/320.100; 435/325.000; 536/023.200  
 NCL NCLM: 435/006.000  
 NCLS: 435/069.100; 435/226.000; 435/320.100; 435/325.000; 536/023.200  
 IC [7]  
 ICM: C12Q001-68  
 ICS: C07H021-04; C12N009-64  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 16 OF 313 USPATFULL on STN  
 AN 2004:299142 USPATFULL  
 TI Method for analyzing DNA of sweet potato  
 IN Berenyi, Maria, Eisenstadt, AUSTRIA  
 Burg, Kornel, Eisenstadt, AUSTRIA  
 Gichuki, Simon T., Nairobi, KENYA  
 Schmidt, Joseph, Eisenstadt, AUSTRIA  
 PA\*\* Austria Research Centers GMBH-ARC, Vienna, AUSTRIA (non-U.S. corporation)  
 PI US 2004235009 A1 20041125  
 AI US 2003-714820 A1 20031117 (10)  
 RLI Continuation of Ser. No. WO 2002-EP5216, filed on 13 May 2002, UNKNOWN  
 PRAI AT 2001-777 20010516  
 DT Utility  
 FS APPLICATION  
 LN.CNT 1376  
 INCL INCLM: 435/006.000  
 NCL NCLM: 435/006.000  
 IC [7]  
 ICM: C12Q001-68  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 17 OF 313 USPATFULL on STN  
 AN 2004:280221 USPATFULL

IN Tang, Y. Tom, San Jose, CA, UNITED STATES  
Wang, Zhiwei, Sunnyvale, CA, UNITED STATES  
Weng, Gezhi, Piedmont, CA, UNITED STATES  
Boyle, Bryan J., San Francisco, CA, UNITED STATES  
Drmanac, Radoje T., Palo Alto, CA, UNITED STATES  
PI US 2004219521 A1 20041104  
AI US 2002-128558 A1 20020422 (10)  
RLI Continuation-in-part of Ser. No. WO 2000-US35017, filed on 22 Dec 2000,  
PENDING Continuation-in-part of Ser. No. US 2000-552317, filed on 25 Apr  
2000, ABANDONED Continuation-in-part of Ser. No. US 2000-488725, filed  
on 21 Jan 2000, PENDING Continuation-in-part of Ser. No. WO 2001-US2623,  
filed on 25 Jan 2001, PENDING Continuation-in-part of Ser. No. US  
2000-491404, filed on 25 Jan 2000, ABANDONED  
PRAI WO 2000-US35017 20001222  
WO 2001-US2623 20010125  
WO 2001-US3800 20010205  
WO 2001-US4927 20010226  
WO 2001-US4941 20010305  
WO 2001-US8631 20010330  
WO 2001-US8656 20010418  
US 2001-339453P 20011211 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 13159  
INCL INCLM: 435/006.000  
INCLS: 435/069.100; 435/320.100; 435/325.000; 435/183.000; 536/023.200  
NCL NCLM: 435/006.000  
NCLS: 435/069.100; 435/320.100; 435/325.000; 435/183.000; 536/023.200  
IC [7]  
ICM: C12Q001-68  
ICS: C07H021-04; C12N009-00  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 18 OF 313 USPATFULL on STN  
AN 2004:196424 USPATFULL  
TI Lectin compositions and methods for modulating an immune response to an  
antigen  
IN Segal, Andrew H., Boston, MA, UNITED STATES  
Young, Elihu, Sharon, MA, UNITED STATES  
PA Genitrix, LLC (U.S. corporation)  
PI US 2004151728 A1 20040805  
AI US 2003-666834 A1 20030919 (10)  
RLI Division of Ser. No. US 2003-645000, filed on 20 Aug 2003, PENDING  
PRAI US 2002-404823P 20020820 (60)  
US 2003-487407P 20030715 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 39129  
INCL INCLM: 424/184.100  
INCLS: 424/199.100; 424/200.100; 530/395.000  
NCL NCLM: 424/184.100  
NCLS: 424/199.100; 424/200.100; 530/395.000  
IC [7]  
ICM: A61K039-00  
ICS: A61K039-12; A61K039-02  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 19 OF 313 USPATFULL on STN  
AN 2004:179246 USPATFULL  
TI G-protein coupled receptors  
IN Thornton, Michael B, Oakland, CA, UNITED STATES  
Yao, Monique G, Mountain View, CA, UNITED STATES  
Richardson, Thomas W, Redwood City, CA, UNITED STATES  
Swarnakar, Anita, San Francisco, CA, UNITED STATES  
Kallick, Deborah A, Galveston, TX, UNITED STATES  
Ison, Craig H, San Jose, CA, UNITED STATES  
Chawla, Narinder K, Union City, CA, UNITED STATES  
Gandhi, Ameena R, San Francisco, CA, UNITED STATES

Elliott, Vicki S, San Jose, CA, UNITED STATES  
Hafalia, April J A, Daly City, CA, UNITED STATES  
Au-Young, Janice K, Brisbane, CA, UNITED STATES  
Griffin, Jennifer A, Fremont, CA, UNITED STATES  
Baughn, Mariah R, Los Angeles, CA, UNITED STATES  
Khan, Farrah A, Des Plaines, IL, UNITED STATES  
Becha, Shanya D, San Francisco, CA, UNITED STATES  
Lu, Yan, Mountain View, CA, UNITED STATES  
Arvizu, Chandra S, San Diego, CA, UNITED STATES  
Borowsky, Mark L, North Hampton, MA, UNITED STATES  
Lal, Preeti G, Santa Clara, CA, UNITED STATES  
Ramkumar, Jayalaxmi, Fremont, CA, UNITED STATES  
Emerling, Brooke M, Chicago, IL, UNITED STATES  
Walsh, Roderick T, Sandwich, UNITED KINGDOM  
Yue, Henry, Sunnyvale, CA, UNITED STATES  
Burford, Neil, Durham, CT, UNITED STATES  
Graul, Richard C, San Francisco, CA, UNITED STATES

PI US 2004138416 A1 20040715  
AI US 2003-473518 A1 20030930 (10)  
WO 2002-US9923 20020329  
PRAI US 2001-60280683 20010330  
US 2001-60283714 20010413  
US 2001-60285336 20010420  
US 2001-60287266 20010427  
DT Utility  
FS APPLICATION  
LN.CNT 13868  
INCL INCLM: 530/350.000  
INCLS: 435/006.000; 435/069.100; 435/320.100; 435/325.000; 536/023.500  
NCL NCLM: 530/350.000  
NCLS: 435/006.000; 435/069.100; 435/320.100; 435/325.000; 536/023.500  
IC [7]  
ICM: C12N005-06  
ICS: C07K014-705; C12Q001-68; C07H021-04  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 20 OF 313 USPATFULL on STN  
AN 2004:178991 USPATFULL  
TI Methods of modulating proliferative conditions  
IN Amati, Bruno, Milan, ITALY  
Fernandez Vogel, Paula C., Aarau, SWITZERLAND  
Frank, Scott R., Cambridge, MA, UNITED STATES  
PI US 2004138161 A1 20040715  
AI US 2003-625486 A1 20030722 (10)  
PRAI US 2002-398088P 20020724 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 2206  
INCL INCLM: 514/044.000  
INCLS: 424/155.100; 514/012.000; 435/006.000; 435/007.230  
NCL NCLM: 514/044.000  
NCLS: 424/155.100; 514/012.000; 435/006.000; 435/007.230  
IC [7]  
ICM: A61K048-00  
ICS: A61K039-395; C12Q001-68; G01N033-574  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 21 OF 313 USPATFULL on STN  
AN 2004:165307 USPATFULL  
TI Lectin compositions and methods for modulating an immune response to an antigen  
IN Segal, Andrew H., Boston, MA, UNITED STATES  
Young, Elihu, Sharon, MA, UNITED STATES  
PA Genitrix, LLC (U.S. corporation)  
PI US 2004126793 A1 20040701  
AI US 2003-666885 A1 20030919 (10)  
RLI Division of Ser. No. US 2003-645000, filed on 20 Aug 2003, PENDING  
PRAI US 2002-404823P 20020820 (60)



DT Utility  
FS APPLICATION  
LN.CNT 28979  
INCL INCLM: 435/006.000  
INCLS: 435/069.100; 435/320.100; 435/325.000; 435/419.000; 530/370.000;  
530/395.000; 536/023.500  
NCL NCLM: 435/006.000  
NCLS: 435/069.100; 435/320.100; 435/325.000; 435/419.000; 530/370.000;  
530/395.000; 536/023.500  
IC [7]  
ICM: C12Q001-68  
ICS: C07H021-04; C07K014-47; C07K014-415; C12N005-04  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 22 OF 313 USPATFULL on STN  
AN 2004:164872 USPATFULL  
TI Lectin compositions and methods for modulating an immune response to an  
antigen  
IN Segal, Andrew H., Boston, MA, UNITED STATES  
Young, Elihu, Sharon, MA, UNITED STATES  
PA Genitrix, LLC (U.S. corporation)  
PI US 2004126357 A1 20040701  
AI US 2003-666886 A1 20030919 (10)  
RLI Division of Ser. No. US 2003-645000, filed on 20 Aug 2003, PENDING  
PRAI US 2002-404823P 20020820 (60)  
US 2003-487407P 20030715 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 39007  
INCL INCLM: 424/085.100  
INCLS: 424/093.200; 424/185.100  
NCL NCLM: 424/085.100  
NCLS: 424/093.200; 424/185.100  
IC [7]  
ICM: A61K048-00  
ICS: A61K039-00; A61K038-19  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 23 OF 313 USPATFULL on STN  
AN 2004:138995 USPATFULL  
TI System and method for neuronal network analysis  
IN Evans, Daron G., Dallas, TX, UNITED STATES  
PI US 2004106168 A1 20040603  
AI US 2003-370786 A1 20030220 (10)  
PRAI US 2002-430409P 20021202 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 1747  
INCL INCLM: 435/040.500  
INCLS: 435/029.000; 435/283.100  
NCL NCLM: 435/040.500  
NCLS: 435/029.000; 435/283.100  
IC [7]  
ICM: G01N033-48  
ICS: C12M001-00  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 24 OF 313 USPATFULL on STN  
AN 2004:126898 USPATFULL  
TI Novel proteins and nucleic acids encoding same  
IN Taupier, Raymond J., JR., East Haven, CT, UNITED STATES  
Padigaru, Muralidhara, Branford, CT, UNITED STATES  
Rastelli, Luca, Guilford, CT, UNITED STATES  
Spaderna, Steven Kurt, Berlin, CT, UNITED STATES  
Shimkets, Richard A., West Haven, CT, UNITED STATES  
Zerhusen, Bryan D., Branford, CT, UNITED STATES  
Spytek, Kimberly Ann, New Haven, CT, UNITED STATES  
Shenoy, Suresh G., Branford, CT, UNITED STATES

Gusev, Vladimir Y., Madison, CT, UNITED STATES  
Grosse, William M., Branford, CT, UNITED STATES  
Alsobrook, John P., II, Madison, CT, UNITED STATES  
Lepley, Denise M., Branford, CT, UNITED STATES  
Burgess, Catherine E., Wethersfield, CT, UNITED STATES  
Gerlach, Valerie L., Branford, CT, UNITED STATES  
Ellerman, Karen, Branford, CT, UNITED STATES  
MacDougall, John R., Hamden, CT, UNITED STATES  
Stone, David J., Guilford, CT, UNITED STATES  
Smithson, Glennda, Guilford, CT, UNITED STATES

PI US 2004096877 A1 20040520  
AI US 2003-624932 A1 20030721 (10)  
RLI Continuation of Ser. No. US 2001-918779, filed on 30 Jul 2001, ABANDONED  
PRAI US 2000-221409P 20000728 (60)  
US 2000-222840P 20000804 (60)  
US 2000-223752P 20000808 (60)  
US 2000-223762P 20000808 (60)  
US 2000-223770P 20000808 (60)  
US 2000-223769P 20000808 (60)  
US 2000-225146P 20000814 (60)  
US 2000-225392P 20000815 (60)  
US 2000-225470P 20000815 (60)  
US 2000-225697P 20000816 (60)  
US 2001-263662P 20010201 (60)  
US 2001-281645P 20010405 (60)

DT Utility  
FS APPLICATION

LN.CNT 11006

INCL INCLM: 435/006.000  
INCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 530/388.100;  
536/023.500  
NCL NCLM: 435/006.000  
NCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 530/388.100;  
536/023.500

IC [7]  
ICM: C12Q001-68  
ICS: C07H021-04; C07K014-47; C07K016-18

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 25 OF 313 USPATFULL on STN

AN 2004:94708 USPATFULL

TI Molecular toxicology modeling

IN Mendrick, Donna, Gaithersburg, MD, UNITED STATES  
Porter, Mark, Gaithersburg, MD, UNITED STATES  
Johnson, Kory, Gaithersburg, MD, UNITED STATES  
Higgs, Brandon, Gaithersburg, MD, UNITED STATES  
Castle, Arthur, Gaithersburg, MD, UNITED STATES  
Elashoff, Michael, Gaithersburg, MD, UNITED STATES

PI US 2004072160 A1 20040415  
AI US 2002-152319 A1 20020522 (10)  
PRAI US 2001-292335P 20010522 (60)  
US 2001-297523P 20010613 (60)  
US 2001-298925P 20010619 (60)  
US 2001-303810P 20010710 (60)  
US 2001-303807P 20010710 (60)  
US 2001-303808P 20010710 (60)  
US 2001-315047P 20010828 (60)  
US 2001-324928P 20010927 (60)  
US 2001-330867P 20011101 (60)  
US 2001-330462P 20011022 (60)  
US 2001-331805P 20011121 (60)  
US 2001-336144P 20011206 (60)  
US 2001-340873P 20011219 (60)  
US 2002-357843P 20020221 (60)  
US 2002-357842P 20020221 (60)  
US 2002-357844P 20020221 (60)  
US 2002-364134P 20020315 (60)  
US 2002-370206P 20020408 (60)

US 2002-370144P 20020408 (60)  
US 2002-371679P 20020412 (60)  
US 2002-372794P 20020417 (60)

DT Utility  
FS APPLICATION

LN.CNT 27909

INCL INCLM: 435/006.000  
INCLS: 435/091.200; 436/084.000

NCL NCLM: 435/006.000  
NCLS: 435/091.200; 436/084.000

IC [7]  
ICM: C12Q001-68  
ICS: C12P019-34; G01N033-20

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 26 OF 313 USPATFULL on STN

AN 2004:70021 USPATFULL

TI Novel nucleic acids and polypeptides

IN Tang, Y. Tom, San Jose, CA, UNITED STATES

Liu, Chenghua, San Jose, CA, UNITED STATES

Drmanac, Radoje T., Palo Alto, CA, UNITED STATES

PI US 2004053248 A1 20040318

AI US 2003-296115 A1 20030624 (10)

WO 2000-US35017 20001222

DT Utility  
FS APPLICATION

LN.CNT 15038

INCL INCLM: 435/006.000  
INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.200

NCL NCLM: 435/006.000  
NCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.200

IC [7]  
ICM: C12Q001-68  
ICS: C07H021-04; C12N009-00; C12N005-06; C12P021-02

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 27 OF 313 USPATFULL on STN

AN 2004:70018 USPATFULL

TI Novel nucleic acids and polypeptides

IN Tang, Y. Tom, San Jose, CA, UNITED STATES

Liu, Chenghua, San Jose, CA, UNITED STATES

Drmanac, Radoje T., Palo Alto, CA, UNITED STATES

PI US 2004053245 A1 20040318

AI US 2003-276774 A1 20030624 (10)

WO 2001-US3800 20010205

DT Utility  
FS APPLICATION

LN.CNT 18750

INCL INCLM: 435/006.000  
INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000;  
536/023.200; 530/388.100

NCL NCLM: 435/006.000  
NCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000;  
536/023.200; 530/388.100

IC [7]  
ICM: C12Q001-68  
ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 28 OF 313 USPATFULL on STN

AN 2004:69579 USPATFULL

TI Proteins and nucleic acids encoding same

IN Kekuda, Ramesh, Danbury, CT, UNITED STATES

Alsobrook, John P., II, Madison, CT, UNITED STATES

Tchernev, Velizar T., Branford, CT, UNITED STATES

Liu, Xiaohong, Branford, CT, UNITED STATES

Spytek, Kimberly A., New Haven, CT, UNITED STATES

Patturajan, Meera, Branford, CT, UNITED STATES

Lepley, Denise M., Branford, CT, UNITED STATES  
Burgess, Catherine E., Wethersfield, CT, UNITED STATES  
Vernet, Corine A.M., Branford, CT, UNITED STATES  
Li, Li, Branford, CT, UNITED STATES  
Gorman, Linda, Branford, CT, UNITED STATES  
Edinger, Shlomit R., New Haven, CT, UNITED STATES  
Sciore, Paul, North Haven, CT, UNITED STATES  
Ellerman, Karen, Branford, CT, UNITED STATES  
Malyankar, Uriel M., Branford, CT, UNITED STATES  
Rothenberg, Mark E., Clinton, CT, UNITED STATES  
Stone, David J., Guilford, CT, UNITED STATES  
Boldog, Ferenc L., North Haven, CT, UNITED STATES  
Guo, Xiaojia (Sasha), Branford, CT, UNITED STATES  
Shenoy, Suresh G., Branford, CT, UNITED STATES  
Anderson, David W., Branford, CT, UNITED STATES  
Padigar, Muralidhara, Branford, CT, UNITED STATES  
Taupier, Raymond J., JR., East Haven, CT, UNITED STATES  
Miller, Charles E., Guilford, CT, UNITED STATES  
Eisen, Andrew, Rockville, MD, UNITED STATES

PI US 2004052806 A1 20040318  
AI US 2002-37417 A1 20020104 (10)  
PRAI US 2001-260018P 20010105 (60)  
US 2001-260360P 20010108 (60)  
US 2001-272411P 20010228 (60)  
US 2001-272817P 20010302 (60)  
US 2001-291186P 20010515 (60)  
US 2001-303231P 20010705 (60)  
US 2001-305060P 20010712 (60)  
US 2001-318405P 20010910 (60)  
US 2001-318700P 20010912 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 13212  
INCL INCLM: 424/185.100  
INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000;  
536/023.200  
NCL NCLM: 424/185.100  
NCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000;  
536/023.200  
IC [7]  
ICM: C07H021-04  
ICS: C12N009-00; A61K039-00; C12P021-02; C12N005-06; C07K014-47  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 29 OF 313 USPATFULL on STN  
AN 2004:63731 USPATFULL  
TI Novel nucleic acids and secreted polypeptides  
IN Tang, Y. Tom, San Jose, CA, UNITED STATES  
Yang, Yonghong, San Jose, CA, UNITED STATES  
Weng, Gezhi, Piedmont, CA, UNITED STATES  
Zhang, Jie, Campbell, CA, UNITED STATES  
Ren, Feiyan, Cupertino, CA, UNITED STATES  
Xue, Aidong, Sunnyvale, CA, UNITED STATES  
Wang, Jian-Rui, Cupertino, CA, UNITED STATES  
Wehrman, Tom, Stanford, CA, UNITED STATES  
Ghosh, Malabika J., Sunnyvale, CA, UNITED STATES  
Wang, Dunrui, Poway, CA, UNITED STATES  
Zhao, Qing A., San Jose, CA, UNITED STATES  
Wang, Zhiwei, Sunnyvale, CA, UNITED STATES  
PI US 2004048249 A1 20040311  
AI US 2002-112944 A1 20020328 (10)  
RLI Continuation-in-part of Ser. No. US 2000-488725, filed on 21 Jan 2000,  
PENDING Continuation-in-part of Ser. No. US 2000-491404, filed on 25 Jan  
2000, ABANDONED Continuation-in-part of Ser. No. US 2000-496914, filed  
on 3 Feb 2000, ABANDONED Continuation-in-part of Ser. No. US  
2000-515126, filed on 28 Feb 2000, ABANDONED Continuation-in-part of  
Ser. No. US 2000-519705, filed on 7 Mar 2000, ABANDONED  
Continuation-in-part of Ser. No. US 2000-540217, filed on 31 Mar 2000,

Apr 2000, ABANDONED Continuation-in-part of Ser. No. US 2000-577408,  
filed on 18 May 2000, ABANDONED

PRAI US 2001-306971P 20010721 (60)

DT Utility

FS APPLICATION

LN.CNT 23809

INCL INCLM: 435/006.000

INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 435/455.000;  
530/350.000; 536/023.200

NCL NCLM: 435/006.000

NCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 435/455.000;  
530/350.000; 536/023.200

IC [7]

ICM: C12Q001-68

ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06; C07K014-47;

C12N015-85

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 30 OF 313 USPATFULL on STN

AN 2004:63727 USPATFULL

TI Novel human proteins, polynucleotides encoding them and methods of using  
the same

IN Shimkets, Richard A., West Haven, CT, UNITED STATES  
Taupier, Raymond J., JR., East Haven, CT, UNITED STATES  
Burgess, Catherine E., Wethersfield, CT, UNITED STATES  
Zerhusen, Bryan D., Branford, CT, UNITED STATES  
Mezes, Peter S., Old Lyme, CT, UNITED STATES  
Rastelli, Luca, Guilford, CT, UNITED STATES  
Malyankar, Uriel M., Branford, CT, UNITED STATES  
Grosse, William M., Branford, CT, UNITED STATES  
Alsobrook, John P., II, Madison, CT, UNITED STATES  
Lepley, Denise M., Branford, CT, UNITED STATES  
Spytek, Kimberly Ann, New Haven, CT, UNITED STATES  
Li, Li, Cheshire, CT, UNITED STATES  
Edinger, Shlomit, New Haven, CT, UNITED STATES  
Gerlach, Valerie, Branford, CT, UNITED STATES  
Ellerman, Karen, Branford, CT, UNITED STATES  
MacDougall, John R., Hamden, CT, UNITED STATES  
Gunther, Erik, UNITED STATES  
Millet, Isabelle, Milford, CT, UNITED STATES  
Stone, David J., Guilford, CT, UNITED STATES  
Smithson, Glenda, Guilford, CT, UNITED STATES  
Szekeres, Edward S., JR., Branford, CT, UNITED STATES

PI US 2004048245 A1 20040311

AI US 2001-972211 A1 20011005 (9)

PRAI US 2000-238325P 20001005 (60)

US 2000-238323P 20001005 (60)

US 2000-238400P 20001006 (60)

US 2000-238397P 20001006 (60)

US 2000-238401P 20001006 (60)

US 2000-238379P 20001006 (60)

US 2000-238402P 20001006 (60)

US 2000-238384P 20001006 (60)

US 2000-238373P 20001006 (60)

US 2000-238372P 20001006 (60)

US 2000-238383P 20001006 (60)

US 2000-238382P 20001006 (60)

US 2001-275892P 20010314 (60)

US 2001-296860P 20010608 (60)

DT Utility

FS APPLICATION

LN.CNT 8458

INCL INCLM: 435/006.000

INCLS: 435/069.100; 435/325.000; 435/320.100; 530/388.260; 536/023.200;  
435/183.000

NCL NCLM: 435/006.000

NCLS: 435/069.100; 435/325.000; 435/320.100; 530/388.260; 536/023.200;  
435/183.000

ICM: C12Q001-68  
ICS: C07H021-04; C12N009-00; C07K016-40; C12P021-02; C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 31 OF 313 USPATFULL on STN  
AN 2004:58174 USPATFULL  
TI Novel nucleic acids and polypeptides  
IN Tang, Y. Tom, San Jose, CA, UNITED STATES  
Liu, Chenghua, San Jose, CA, UNITED STATES  
Asundi, Vinod, Foster City, CA, UNITED STATES  
Wehrman, Tom, Stanford, CA, UNITED STATES  
Ren, Feiyan, Cupertino, CA, UNITED STATES  
Zhou, Ping, Cupertino, CA, UNITED STATES  
Zhao, Qing A., San Jose, CA, UNITED STATES  
Drmanac, Radoje T., Palo Alto, CA, UNITED STATES  
Zhang, Jie, Campbell, CA, UNITED STATES  
Xue, Aidong, Sunnyvale, CA, UNITED STATES  
Wang, Jian-Rui, Cupertino, CA, UNITED STATES  
Wang, Dunrui, Poway, CA, UNITED STATES  
PI US 2004044181 A1 20040304  
AI US 2003-363616 A1 20030715 (10)  
WO 2001-US27093 20010831  
DT Utility  
FS APPLICATION  
LN.CNT 17667  
INCL INCLM: 530/350.000  
INCLS: 435/069.100; 435/320.100; 435/325.000; 536/023.500  
NCL NCLM: 530/350.000  
NCLS: 435/069.100; 435/320.100; 435/325.000; 536/023.500  
IC [7]  
ICM: C07K014-705  
ICS: C12P021-02; C12N005-06; C07H021-04  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 32 OF 313 USPATFULL on STN  
AN 2004:44503 USPATFULL  
TI Methods of diagnosis of angiogenesis, compositions and methods of  
screening for angiogenesis modulators  
IN Murray, Richard, Cupertino, CA, UNITED STATES  
Glynne, Richard, Palo Alto, CA, UNITED STATES  
Watson, Susan R., El Cerrito, CA, UNITED STATES  
Aziz, Natasha, Palo Alto, CA, UNITED STATES  
PA Eos Biotechnology, Inc., South San Francisco, CA, UNITED STATES, 94080  
(U.S. corporation)  
PI US 2004033495 A1 20040219  
AI US 2002-211462 A1 20020801 (10)  
PRAI US 2001-310025P 20010803 (60)  
US 2001-334244P 20011129 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 24599  
INCL INCLM: 435/006.000  
INCLS: 435/007.230; 435/069.100; 435/320.100; 435/325.000; 536/023.200  
NCL NCLM: 435/006.000  
NCLS: 435/007.230; 435/069.100; 435/320.100; 435/325.000; 536/023.200  
IC [7]  
ICM: C12Q001-68  
ICS: G01N033-574; C07H021-04; C12P021-02; C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 33 OF 313 USPATFULL on STN  
AN 2004:38683 USPATFULL  
TI Proteins and nucleic acids encoding same  
IN Edinger, Shlomit R., New Haven, CT, UNITED STATES  
MacDougall, John R., Hamden, CT, UNITED STATES  
Millet, Isabelle, Milford, CT, UNITED STATES  
Ellerman, Karen, Branford, CT, UNITED STATES  
Stone, David J., Guilford, CT, UNITED STATES

Grosse, William M., Branford, CT, UNITED STATES  
 Alsobrook, John P., II, Madison, CT, UNITED STATES  
 Lepley, Denise M., Branford, CT, UNITED STATES  
 Rieger, Danier K., Branford, CT, UNITED STATES  
 Burgess, Catherine E., Wethersfield, CT, UNITED STATES  
 Casman, Stacie J., North Haven, CT, UNITED STATES  
 Spytek, Kimberly A., New Haven, CT, UNITED STATES  
 Boldog, Ference L., North Haven, CT, UNITED STATES  
 Li, Li, Branford, CT, UNITED STATES  
 Padigar, Muralidhara, Branford, CT, UNITED STATES  
 Mishra, Vishnu, Gainesville, FL, UNITED STATES  
 Patturajan, Meera, Branford, CT, UNITED STATES  
 Shenoy, Suresh G., Branford, CT, UNITED STATES  
 Rastelli, Luca, Guilford, CT, UNITED STATES  
 Tchernev, Velizar T., Branford, CT, UNITED STATES  
 Vernet, Corine A.M., Branford, CT, UNITED STATES  
 Zerhusen, Bryan D., Branford, CT, UNITED STATES  
 Malyankar, Uriel M., Branford, CT, UNITED STATES  
 Guo, Xiaojia (Sasha), Branford, CT, UNITED STATES  
 Miller, Charles E., Guilford, CT, UNITED STATES  
 Gangolli, Esha A., Madison, CT, UNITED STATES

Grosse, Michael, UNITED STATES LR

PI US 2004029222 A1 20040212  
 AI US 2002-218779 A1 20020814 (10)  
 RLI Continuation of Ser. No. US 2001-995514, filed on 28 Nov 2001, ABANDONED  
 PRAI US 2000-253834P 20001129 (60)  
 US 2000-250926P 20001130 (60)  
 US 2001-264180P 20010125 (60)  
 US 2001-313656P 20010820 (60)  
 US 2001-327456P 20011005 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 15385  
 INCL INCLM: 435/069.100  
 INCLS: 435/183.000; 435/320.100; 435/325.000; 530/350.000; 536/023.200;  
 530/388.100; 435/007.230; 435/006.000  
 NCL NCLM: 435/069.100  
 NCLS: 435/183.000; 435/320.100; 435/325.000; 530/350.000; 536/023.200;  
 530/388.100; 435/007.230; 435/006.000  
 IC [7]  
 ICM: C12Q001-68  
 ICS: G01N033-574; C07H021-04; C12N009-00; C12P021-02; C12N005-06;  
 C07K014-47; C07K016-30  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 34 OF 313 USPATFULL on STN  
 AN 2004:38577 USPATFULL  
 TI Proteins and nucleic acids encoding same  
 IN Edinger, Shlomit R., New Haven, CT, UNITED STATES  
 MacDougall, John R., Hamden, CT, UNITED STATES  
 Millet, Isabelle, Milford, CT, UNITED STATES  
 Ellerman, Karen, Branford, CT, UNITED STATES  
 Stone, David J., Guilford, CT, UNITED STATES  
 Gerlach, Valerie, Branford, CT, UNITED STATES  
 Grosse, William M., Branford, CT, UNITED STATES  
 Alsobrook, John P., II, Madison, CT, UNITED STATES  
 Lepley, Denise M., Branford, CT, UNITED STATES  
 Rieger, Daniel K., Branford, CT, UNITED STATES  
 Burgess, Catherine E., Wethersfield, CT, UNITED STATES  
 Casman, Stacie J., North Haven, CT, UNITED STATES  
 Spytek, Kimberly A., New Haven, CT, UNITED STATES  
 Boldog, Ferenc L., North Haven, CT, UNITED STATES  
 Li, Li, Branford, CT, UNITED STATES  
 Padigar, Muralidhara, Branford, CT, UNITED STATES  
 Mishra, Vishnu, Gainesville, FL, UNITED STATES  
 Patturajan, Meera, Branford, CT, UNITED STATES  
 Shenoy, Suresh G., Branford, CT, UNITED STATES  
 Rastelli, Luca, Guilford, CT, UNITED STATES

Vernet, Corine A.M., Branford, CT, UNITED STATES  
 Zerhusen, Bryan D., Branford, CT, UNITED STATES  
 Malyankar, Uriel M., Branford, CT, UNITED STATES  
 Guo, Xiaojia, Branford, CT, UNITED STATES  
 Miller, Charles E., Guilford, CT, UNITED STATES  
 Gangolli, Esha A., Madison, CT, UNITED STATES  
 PI US 2004029116 A1 20040212  
 AI US 2002-87684 A1 20020301 (10)  
 PRAI US 2001-313656P 20010820 (60)  
 US 2001-274194P 20010308 (60)  
 US 2001-327456P 20011005 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 15489  
 INCL INCLM: 435/006.000  
 INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000;  
 536/023.200  
 NCL NCLM: 435/006.000  
 NCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000;  
 536/023.200  
 IC [7]  
 ICM: C12Q001-68  
 ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06; C07K014-47  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 L2 ANSWER 35 OF 313 USPATFULL on STN  
 AN 2004:31106 USPATFULL  
 TI Receptors  
 IN Griffin, Jennifer A, Fremont, CA, UNITED STATES  
 Kallick, Deborah A, Galveston, TX, UNITED STATES  
 Tribouley, Catherine M, San Francisco, CA, UNITED STATES  
 Yue, Henry, Sunnyvale, CA, UNITED STATES  
 Nguyen, Danniel B, San Jose, CA, UNITED STATES  
 Tang, Y Tom, San Jose, CA, UNITED STATES  
 Lal, Preeti G, Santa Clara, CA, UNITED STATES  
 Policky, Jennifer L., San Jose, CA, UNITED STATES  
 Azimzai, Yalda, Oakland, CA, UNITED STATES  
 Lu, Dyung Aina M, San Jose, CA, UNITED STATES  
 Graul, Richard C, San Francisco, CA, UNITED STATES  
 Yao, Monique G, Carmel, IN, UNITED STATES  
 Burford, Neil, Durham, CT, UNITED STATES  
 Hafalia, April J A, Daly City, CA, UNITED STATES  
 Baughn, Mariah R, San Leandro, CA, UNITED STATES  
 Bandman, Olga, Mountain View, CA, UNITED STATES  
 Arvizu, Chandra S, San Jose, CA, UNITED STATES  
 Xu, Yuming, Mountain View, CA, UNITED STATES  
 Gandhi, Ameena R, San Francisco, CA, UNITED STATES  
 Warren, Bridget A, Encinitas, CA, UNITED STATES  
 Ding, Li, Creve Coeur, MO, UNITED STATES  
 Sanjanwala, Madhusudan M, Los Altos, CA, UNITED STATES  
 Duggan, Brendan M, Sunnyvale, CA, UNITED STATES  
 Lu, Yan, Mountain View, CA, UNITED STATES  
 Yang, Junming, San Jose, CA, UNITED STATES  
 PI US 2004023244 A1 20040205  
 AI US 2003-311623 A1 20030516 (10)  
 WO 2001-US19942 20010621  
 DT Utility  
 FS APPLICATION  
 LN.CNT 8061  
 INCL INCLM: 435/006.000  
 INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000  
 NCL NCLM: 435/006.000  
 NCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000  
 IC [7]  
 ICM: C12Q001-68  
 ICS: C12N009-00; C12P021-02; C12N005-06  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.



AN 2004:18871 USPATFULL  
 TI Novel polynucleotides, polypeptides encoded thereby and methods of use thereof  
 IN Anderson, David W., Plantsville, CT, UNITED STATES  
 Boldog, Ferenc L., North Haven, CT, UNITED STATES  
 Casman, Stacie J., North Haven, CT, UNITED STATES  
 Edinger, Shlomit R., New Haven, CT, UNITED STATES  
 Ellerman, Karen, Branford, CT, UNITED STATES  
 Fernandes, Elma R., Branford, CT, UNITED STATES  
 Gunther, Erik, Branford, CT, UNITED STATES  
 Leach, Martin D., Madison, CT, UNITED STATES  
 MacDougall, John R., Hamden, CT, UNITED STATES  
 Padigar, Muralidhara, Branford, CT, UNITED STATES  
 Shimkets, Richard A., Guilford, CT, UNITED STATES  
 Smithson, Glenda, Guilford, CT, UNITED STATES  
 Spytek, Kimberly A., Ellington, CT, UNITED STATES  
 PI US 2004014173 A1 20040122  
 AI US 2003-384974 A1 20030310 (10)  
 RLI Continuation of Ser. No. US 2002-81407, filed on 21 Feb 2002, ABANDONED  
 Continuation-in-part of Ser. No. US 2000-569269, filed on 11 May 2000, PENDING  
 PRAI US 1999-134315P 19990514 (60)  
 US 2000-175744P 20000112 (60)  
 US 2000-188274P 20000310 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 8899  
 INCL INCLM: 435/069.100  
 INCLS: 435/006.000; 435/320.100; 435/325.000; 530/350.000; 530/388.220; 514/012.000; 536/023.500  
 NCL NCLM: 435/069.100  
 NCLS: 435/006.000; 435/320.100; 435/325.000; 530/350.000; 530/388.220; 514/012.000; 536/023.500  
 IC [7]  
 ICM: C12Q001-68  
 ICS: A61K038-17; C07H021-04; C12P021-02; C12N005-06; C07K014-705; C07K016-28  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 37 OF 313 USPATFULL on STN  
 AN 2004:18738 USPATFULL  
 TI Cardiotoxin molecular toxicology modeling  
 IN Mendrick, Donna, Gaithersburg, MD, UNITED STATES  
 Porter, Mark, Gaithersburg, MD, UNITED STATES  
 Johnson, Kory, Gaithersburg, MD, UNITED STATES  
 Higgs, Brandon, Gaithersburg, MD, UNITED STATES  
 Castle, Arthur, Gaithersburg, MD, UNITED STATES  
 Elashoff, Michael, Gaithersburg, MD, UNITED STATES  
 PI US 2004014040 A1 20040122  
 AI US 2002-191803 A1 20020710 (10)  
 PRAI US 2001-303819P 20010710 (60)  
 US 2001-305623P 20010717 (60)  
 US 2002-369351P 20020403 (60)  
 US 2002-377611P 20020506 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 15812  
 INCL INCLM: 435/006.000  
 INCLS: 702/020.000  
 NCL NCLM: 435/006.000  
 NCLS: 702/020.000  
 IC [7]  
 ICM: C12Q001-68  
 ICS: G06F019-00; G01N033-48; G01N033-50  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 38 OF 313 USPATFULL on STN  
 AN 2004:18355 USPATFULL

IN Tang, Y. Tom, San Jose, CA, UNITED STATES  
Asundi, Vinod, Foster City, CA, UNITED STATES  
Wehrman, Tom, Stanford, CA, UNITED STATES  
Yang, Yonghong, San Jose, CA, UNITED STATES  
Zhang, Jie, Campbell, CA, UNITED STATES  
Zhou, Ping, Cupertino, CA, UNITED STATES  
Drmanac, Radoje T., Palo Alto, CA, UNITED STATES  
Goodrich, Ryle, Los Angeles, CA, UNITED STATES  
PI US 2004013657 A1 20040122  
AI US 2002-294006 A1 20021112 (10)  
RLI Continuation-in-part of Ser. No. WO 2002-US8964, filed on 20 Mar 2002,  
PENDING Continuation of Ser. No. US 2001-815925, filed on 22 Mar 2001,  
ABANDONED  
DT Utility  
FS APPLICATION  
LN.CNT 10481  
INCL INCLM: 424/094.100  
INCLS: 435/006.000; 435/069.100; 435/183.000; 435/320.100; 435/325.000;  
530/350.000; 536/023.200; 530/388.100  
NCL NCLM: 424/094.100  
NCLS: 435/006.000; 435/069.100; 435/183.000; 435/320.100; 435/325.000;  
530/350.000; 536/023.200; 530/388.100  
IC [7]  
ICM: A61K038-43  
ICS: C12Q001-68; C07H021-04; C12N009-00; C12P021-02; C12N005-06;  
C07K016-40  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 39 OF 313 USPATFULL on STN  
AN 2004:12955 USPATFULL  
TI Novel human polynucleotides and polypeptides encoded thereby  
IN Leach, Martin D., Madison, CT, UNITED STATES  
Shimkets, Richard A., Guilford, CT, UNITED STATES  
PI US 2004009474 A1 20040115  
AI US 2001-864408 A1 20010524 (9)  
PRAI US 2000-206690P 20000524 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 21366  
INCL INCLM: 435/006.000  
INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000;  
536/023.200  
NCL NCLM: 435/006.000  
NCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000;  
536/023.200  
IC [7]  
ICM: C12Q001-68  
ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06; C07K014-47  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 40 OF 313 USPATFULL on STN  
AN 2004:7329 USPATFULL  
TI Methods of diagnosis of ovarian cancer, compositions and methods of  
screening for modulators of ovarian cancer  
IN Mack, David H., Menlo Park, CA, UNITED STATES  
Gish, Kurt C., San Francisco, CA, UNITED STATES  
PA Eos Biotechnology, Inc., South San Francisco, CA (U.S. corporation)  
PI US 2004005563 A1 20040108  
AI US 2002-173999 A1 20020617 (10)  
PRAI US 2002-372246P 20020412 (60)  
US 2001-350666P 20011113 (60)  
US 2001-315287P 20010827 (60)  
US 2001-299234P 20010618 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 32540  
INCL INCLM: 435/006.000  
INCLS: 435/007.230; 435/366.000; 435/183.000; 435/320.100; 435/069.100;

NCL NCLM: 435/006.000  
NCLS: 435/007.230; 435/366.000; 435/183.000; 435/320.100; 435/069.100;  
536/023.200  
IC [7]  
ICM: C12Q001-68  
ICS: G01N033-574; C07H021-04; C12N009-00; C12P021-02; C12N005-08  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 41 OF 313 USPATFULL on STN  
AN 2004:7327 USPATFULL  
TI Novel full-length cDNA  
IN Isogai, Takao, Ibaraki, JAPAN  
Sugiyama, Tomoyasu, Tokyo, JAPAN  
Otsuki, Tetsuji, Chiba, JAPAN  
Wakamatsu, Ai, Chiba, JAPAN  
Sato, Hiroyuki, Osaka, JAPAN  
Ishii, Shizuko, Chiba, JAPAN  
Yamamoto, Jun-Ichi, Chiba, JAPAN  
Isono, Yuuko, Chiba, JAPAN  
Hio, Yuri, Chiba, JAPAN  
Otsuka, Kaoru, Saitama, JAPAN  
Nagai, Keiichi, Tokyo, JAPAN  
Irie, Ryotaro, Chiba, JAPAN  
Tamechika, Ichiro, Osaka, JAPAN  
Seki, Naohiko, Chiba, JAPAN  
Yoshikawa, Tsutomu, Chiba, JAPAN  
Otsuka, Motoyuki, Tokyo, JAPAN  
Nagahari, Kenji, Tokyo, JAPAN  
Masuho, Yasuhiko, Tokyo, JAPAN  
PA Helix Research Institute (non-U.S. corporation)  
PI US 2004005560 A1 20040108  
AI US 2002-108260 A1 20020328 (10)  
PRAI JP 2002-137785 20020322  
DT Utility  
FS APPLICATION  
LN.CNT 16587  
INCL INCLM: 435/006.000  
INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/388.100;  
530/350.000; 536/023.500  
NCL NCLM: 435/006.000  
NCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/388.100;  
530/350.000; 536/023.500  
IC [7]  
ICM: C12Q001-68  
ICS: G06F019-00; G01N033-48; G01N033-50; C12P021-02; C12N005-06;  
C07K014-47; C07K016-18; C07H021-04  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 42 OF 313 USPATFULL on STN  
AN 2004:2099 USPATFULL  
TI Therapeutic polypeptides, nucleic acids encoding same, and methods of  
use  
IN Kekuda, Ramesh, Danbury, CT, UNITED STATES  
Tchernev, Velizar T., Branford, CT, UNITED STATES  
Liu, Xiaohong, Branford, CT, UNITED STATES  
Spytek, Kimberly A., New Haven, CT, UNITED STATES  
Patturajan, Meera, Branford, CT, UNITED STATES  
Burgess, Catherine E., Wethersfield, CT, UNITED STATES  
Vernet, Corine A.M., Branford, CT, UNITED STATES  
Li, Li, Branford, CT, UNITED STATES  
Gorman, Linda, Branford, CT, UNITED STATES  
Malyankar, Uriel M., Branford, CT, UNITED STATES  
Boldog, Ferenc L., North Haven, CT, UNITED STATES  
Guo, Xiaojia (Sasha), Branford, CT, UNITED STATES  
Shenoy, Suresh G., Branford, CT, UNITED STATES  
Padigar, Muralidhara, Branford, CT, UNITED STATES  
Taupier, Raymond J., JR., East Haven, CT, UNITED STATES  
Miller, Charles E., Guilford, CT, UNITED STATES

Pena, Carol E. A., New Haven, CT, UNITED STATES  
 Gangolli, Esha A., Madison, CT, UNITED STATES  
 Gusev, Vladimir Y., Madison, CT, UNITED STATES  
 Smithson, Glennda, Guilford, CT, UNITED STATES  
 Zerhusen, Bryan D., Branford, CT, UNITED STATES  
 Gerlach, Valerie, Branford, CT, UNITED STATES  
 Pochart, Pascale F-J, Madison, CT, UNITED STATES  
 Fernandes, Elma R., Branford, CT, UNITED STATES  
 Shimkets, Richard A., Guilford, CT, UNITED STATES  
 Rastelli, Luca, Guilford, CT, UNITED STATES  
 Spaderna, Steven K., Berlin, CT, UNITED STATES  
 LaRochelle, William J., Madison, CT, UNITED STATES  
 Zhong, Mei, Branford, CT, UNITED STATES  
 Khramtsov, Nikolai V., Branford, CT, UNITED STATES  
 Voss, Edward Z., Wallingford, CT, UNITED STATES  
 Herrmann, John L., Guilford, CT, UNITED STATES

PI US 2004002120 A1 20040101  
 AI US 2002-94886 A1 20020307 (10)  
 PRAI

US 2001-274322P 20010308 (60)  
 US 2001-313182P 20010817 (60)  
 US 2001-288052P 20010502 (60)  
 US 2001-318510P 20010910 (60)  
 US 2001-274281P 20010308 (60)  
 US 2001-314018P 20010821 (60)  
 US 2001-274194P 20010308 (60)  
 US 2001-274849P 20010309 (60)  
 US 2001-296693P 20010607 (60)  
 US 2001-313626P 20010820 (60)  
 US 2001-332486P 20011109 (60)  
 US 2001-275235P 20010312 (60)  
 US 2001-275578P 20010313 (60)  
 US 2001-288228P 20010502 (60)  
 US 2001-275579P 20010313 (60)  
 US 2001-312916P 20010816 (60)  
 US 2001-275601P 20010313 (60)  
 US 2001-311978P 20010813 (60)  
 US 2001-276000P 20010314 (60)  
 US 2001-276776P 20010316 (60)  
 US 2001-296856P 20010608 (60)  
 US 2001-276994P 20010319 (60)  
 US 2001-291766P 20010517 (60)  
 US 2001-277338P 20010320 (60)  
 US 2001-288066P 20010502 (60)  
 US 2001-277239P 20010320 (60)  
 US 2001-315227P 20010827 (60)  
 US 2001-318403P 20010910 (60)  
 US 2001-277327P 20010320 (60)  
 US 2001-277791P 20010321 (60)  
 US 2001-325378P 20010927 (60)  
 US 2001-277833P 20010322 (60)  
 US 2001-278152P 20010323 (60)  
 US 2001-310913P 20010808 (60)  
 US 2001-303237P 20010705 (60)  
 US 2001-278894P 20010326 (60)  
 US 2001-322360P 20010914 (60)  
 US 2001-279036P 20010327 (60)  
 US 2001-312191P 20010814 (60)  
 US 2001-278999P 20010327 (60)  
 US 2001-280233P 20010330 (60)  
 US 2001-303230P 20010705 (60)  
 US 2001-345399P 20011109 (60)  
 US 2001-322296P 20010914 (60)  
 US 2001-280802P 20010402 (60)

DT Utility  
 FS APPLICATION

LN.CNT 21071

INCL INCLM: 435/007.200

INCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500;

NCL NCLM: 435/007.200  
NCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500;  
514/012.000

IC [7]  
ICM: G01N033-53  
ICS: G01N033-567; A61K038-17; C12P021-02; C12N005-06; C07K014-705;  
C07H021-04

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 43 OF 313 USPATFULL on STN  
AN 2004:217827 USPATFULL  
TI Cathepsin V-like polypeptides  
IN Tang, Y. Tom, San Jose, CA, United States  
Goodrich, Ryle W., Los Angeles, CA, United States  
Asundi, Vinod, Foster City, CA, United States  
Drmanac, Radoje T., Palo Alto, CA, United States  
PA Nuvelo, Inc., Sunnyvale, CA, United States (U.S. corporation)  
PI US 6783969 B1 20040831  
AI US 2001-799451 20010305 (9)  
DT Utility  
FS GRANTED

LN.CNT 7745

INCL INCLM: 435/219.000  
INCLS: 435/183.000; 435/212.000; 435/226.000; 530/350.000

NCL NCLM: 435/219.000  
NCLS: 435/183.000; 435/212.000; 435/226.000; 530/350.000

IC [7]  
ICM: C12N009-50  
EXF 435/219; 435/226; 435/212; 435/183; 530/350

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 44 OF 313 USPATFULL on STN  
AN 2004:205793 USPATFULL  
TI Human membrane proteins and polynucleotides encoding the same  
IN Walke, D. Wade, Spring, TX, United States  
Scoville, John, Houston, TX, United States  
PA Lexicon Genetics Incorporated, The Woodlands, TX, United States (U.S.  
corporation)

PI US 6777232 B1 20040817  
AI US 2001-969532 20011002 (9)

PRAI US 2000-237280P 20001002 (60)

DT Utility  
FS GRANTED

LN.CNT 2936

INCL INCLM: 435/325.000  
INCLS: 435/252.300; 435/254.110; 435/254.200; 435/320.100; 536/023.500

NCL NCLM: 435/325.000  
NCLS: 435/252.300; 435/254.110; 435/254.200; 435/320.100; 536/023.500

IC [7]  
ICM: C12N015-85  
ICS: C12N001-21; C12N001-15; C12N015-63; C07H021-04

EXF 536/23.1; 536/23.5; 536/24.3; 435/320.1; 435/325; 435/252.3; 435/254.11;  
435/254.2

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 45 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
STN DUPLICATE 7

AN 2005:98255 BIOSIS

DN PREV200500092486

TI Mapping netrin receptor binding reveals domains of \*\*\*Unc5\*\*\*  
regulating its tyrosine phosphorylation.

AU Kruger, Robert P.; Lee, Jeeyong; Li, Wei-quan; Guan, Kun-Liang [Reprint  
Author]

CS Inst Life Sci, Univ Michigan, 210 washtenaw Ave, Ann Arbor, MI, 48109, USA  
kunliang@umich.edu

SO Journal of Neuroscience, (December 1 2004) Vol. 24, No. 48, pp.  
10826-10834. print.

ISSN: 0270-6474 (ISSN print).

LA English  
 ED Entered STN: 9 Mar 2005  
 Last Updated on STN: 9 Mar 2005

L2 ANSWER 46 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
 STN DUPLICATE 8  
 AN 2004:457355 BIOSIS  
 DN PREV200400457504  
 TI Identification of the genes that are expressed in the upper layers of the  
 neocortex.  
 AU Zhong, Yuri; Takemoto, Makoto; Fukuda, Tsuyoshi; Hattori, Yuki; Murakami,  
 Fujio; Nakajima, Daisuke; Nakayama, Manabu; Yamamoto, Nobuhiko [Reprint  
 Author]  
 CS Grad Sch Frontier BiosciNeurosci Labs, Osaka Univ, Osaka, 5608531, Japan  
 nobuhiko@fbs.osaka-u.ac.jp  
 SO Cerebral Cortex (Cary), (October 2004) Vol. 14, No. 10, pp. 1144-1152.  
 print.  
 ISSN: 1047-3211 (ISSN print).  
 DT Article  
 LA English  
 ED Entered STN: 24 Nov 2004  
 Last Updated on STN: 24 Nov 2004

L2 ANSWER 47 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
 STN DUPLICATE 9  
 AN 2005:67611 BIOSIS  
 DN PREV200500068401  
 TI Netrin-1 and its receptors in tumorigenesis.  
 AU Arakawa, Hirofumi [Reprint Author]  
 CS Canc Med and Biophys DivChuo Ku, Natl Canc Ctr, 5-1-1 Tsukiji, Tokyo,  
 1040045, Japan  
 harakawa@gan2.res.ncc.go.jp  
 SO Nature Reviews Cancer, (December 2004) Vol. 4, No. 12, pp. 978-987. print.  
 ISSN: 1474-175X (ISSN print).  
 DT Article  
 General Review; (Literature Review)  
 LA English  
 ED Entered STN: 9 Feb 2005  
 Last Updated on STN: 9 Feb 2005

L2 ANSWER 48 OF 313 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation  
 on STN  
 AN 2004:706134 SCISEARCH  
 GA The Genuine Article (R) Number: 842YA  
 TI RGM and its receptor neogenin regulate neuronal survival  
 AU Matsunaga E; Tauszig-Delamasure S; Monnier P P; Mueller B K; Strittmatter  
 S M; Mehlen P; Chedotal A (Reprint)  
 CS Univ Paris 06, CNRS, UMR 7102, 9 Quai St Bernard, F-75005 Paris, France  
 (Reprint); Univ Paris 06, CNRS, UMR 7102, F-75005 Paris, France; Univ  
 Lyon, CNRS, UMR 5534, F-69622 Villeurbanne, France; MigraGen AG, D-72076  
 Tübingen, Germany; Toronto Western Hosp, Toronto, ON M5T 2S8, Canada;  
 Abbott GmbH & Co KG, D-67601 Ludwigshafen, Germany; Yale Univ, Sch Med,  
 Dept Neurol, New Haven, CT 06510 USA  
 CYA France; Germany; Canada; USA  
 SO NATURE CELL BIOLOGY, (AUG 2004) Vol. 6, No. 8, pp. 749-755.  
 Publisher: NATURE PUBLISHING GROUP, MACMILLAN BUILDING, 4 CRINAN ST,  
 LONDON N1 9XW, ENGLAND.  
 ISSN: 1465-7392.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 24  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L2 ANSWER 49 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
 STN DUPLICATE 10  
 AN 2004:461421 BIOSIS  
 DN PREV200400463669  
 TI Developmental shift in expression of netrin receptors in the rat spinal

AU Manitt, Colleen; Thompson, Katherine M.; Kennedy, Timothy E. [Reprint Author]  
 CS Ctr Neuronal SurvivalMontreal Neurol Inst, McGill Univ, 3801 Univ Ave, Montreal, PQ, H3A 2B4, Canada  
 timothy.kennedy@mcgill.ca  
 SO Journal of Neuroscience Research, (September 1 2004) Vol. 77, No. 5, pp. 690-700. print.  
 ISSN: 0360-4012 (ISSN print).  
 DT Article  
 LA English  
 ED Entered STN: 1 Dec 2004  
 Last Updated on STN: 1 Dec 2004

L2 ANSWER 50 OF 313 BIOENG COPYRIGHT 2005 CSA on STN DUPLICATE  
 AN 2004471686 BIOENG  
 DN 5912251  
 TI Apoptosis initiated by dependence receptors: a new paradigm for cell death?  
 AU Porter, Alan G; Dhakshinamoorthy, Saravanakumar  
 CS Institute of Molecular and Cell Biology, Republic of Singapore, [mailto:mcbagp@imcb.a-star.edu.sg.]  
 SO Bioessays [Bioessays]. Vol. 26, no. 6, pp. 656-664. 2004.  
 Published by: John Wiley & Sons, Inc., 111 River Street Hoboken NJ 07030 USA, [mailto:custserv@wiley.com], [URL:http://www.wiley.com/]  
 ISSN: 0265-9247  
 DT Journal  
 LA English  
 SL English  
 OS Genetics Abstracts

L2 ANSWER 51 OF 313 BIOENG COPYRIGHT 2005 CSA on STN  
 AN 2004471306 BIOENG  
 DN 5902326  
 TI Role of Unc51.1 and its binding partners in CNS axon outgrowth  
 AU Tomoda, T; Kim, JH; Zhan, C; Hatten, ME\*  
 CS Laboratory of Developmental Neurobiology, The Rockefeller University, New York, New York 10021-6399, USA, [mailto:hatten@rockefeller.edu]  
 SO Genes & Development [Genes Dev.]. Vol. 18, no. 5, pp. 541-558. 1 Mar 2004.  
 ISSN: 0890-9369  
 DT Journal  
 LA English  
 SL English  
 OS Genetics Abstracts

L2 ANSWER 52 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
 AN 2004:259309 BIOSIS  
 DN PREV200400260232  
 TI Apoptosis and dependence receptors: A molecular basis for cellular addiction.  
 AU Bredesen, Dale E. [Reprint\*Author]; Mehlen, Patrick; Rabizadeh, Shahrooz  
 CS Buck Institute for Age Research, Novato, CA, USA  
 SO Physiological Reviews, (April 2004) Vol. 84, No. 2, pp. 411-430. print.  
 ISSN: 0031-9333 (ISSN print).  
 DT Article  
 General Review; (Literature Review)  
 LA English  
 ED Entered STN: 19 May 2004  
 Last Updated on STN: 19 May 2004

L2 ANSWER 53 OF 313 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2004:170865 CAPLUS  
 DN 140:404028  
 TI Gene expression in the developing rat mandible: a gene array study  
 AU Oshikawa, Maiko; Sugano, Naoyuki; Ishigaki, Ryo; Ito, Koichi  
 CS Nihon University Graduate School of Dentistry, 1-8-13 Kanda-Surugadai, Chiyoda-ku, Tokyo, 101-8310, Japan

L2 ANSWER 54 OF 313 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation  
on STN  
AN 2004:1001441 SCISEARCH  
GA The Genuine Article (R) Number: 868TX  
TI Expression of DCC and netrin-1 in normal human endometrium and its  
implication in endometrial carcinogenesis  
AU Kato H D (Reprint); Kondoh H; Inoue T; Asanoma K; Matsuda T; Arima T; Kato  
K; Yoshikawa T; Wake N  
CS Kyushu Univ, Med Inst Bioregulat, Div Mol & Cell Therapeut, Dept Mol  
Genet, Tsurumihara 4546, Beppu, Oita 8740838, Japan (Reprint); Kyushu  
Univ, Med Inst Bioregulat, Div Mol & Cell Therapeut, Dept Mol Genet,  
Beppu, Oita 8740838, Japan; Kyushu Univ, Fac Med Sci, Sch Med, Dept  
Reproduct & Dev Med, Higasi Ku, Fukuoka 8128582, Japan; Kyushu Univ, Med  
Inst Bioregulat, Dept Clin Pathol, Beppu, Oita 8740838, Japan  
CYA Japan  
SO GYNECOLOGIC ONCOLOGY, (NOV 2004) Vol. 95, No. 2, pp. 281-289.  
Publisher: ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST, STE 1900, SAN  
DIEGO, CA 92101-4495 USA.  
ISSN: 0090-8258.  
DT Article; Journal  
LA English  
REC Reference Count: 29  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L2 ANSWER 55 OF 313 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation  
on STN  
AN 2004:748458 SCISEARCH  
GA The Genuine Article (R) Number: 850VC  
TI Netrin-1 controls colorectal tumorigenesis by regulating apoptosis  
AU Mazelin L; Bernet A; Bonod-Bidaud C; Pays L; Arnaud S; Gespach C; Bredesen  
D E; Scoazec J Y; Mehlen P (Reprint)  
CS Univ Lyon, CNRS, UMR 5534, Apoptosis Differentiat Lab, Equipe Labellisee  
La Ligue Mol & Cellular Genet, F-69622 Villeurbanne, France (Reprint); Hop  
St Antoine, INSERM, U482, F-75571 Paris, France; Buck Inst Age Res,  
Novato, CA 94945 USA; INSERM, U45, F-69437 Lyon, France; ANIPATH, F-69437  
Lyon, France; Ctr Leon Berard, F-69373 Lyon, France  
CYA France; USA  
SO NATURE, (2 SEP 2004) Vol. 431, No. 7004, pp. 80-84.  
Publisher: NATURE PUBLISHING GROUP, MACMILLAN BUILDING, 4 CRINAN ST,  
LONDON N1 9XW, ENGLAND.  
ISSN: 0028-0836.  
DT Article; Journal  
LA English  
REC Reference Count: 22  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L2 ANSWER 56 OF 313 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2004:31479 CAPLUS  
DN 140:354012  
TI The dependence receptor hypothesis  
AU Mehlen, P.; Bredesen, D. E.  
CS Molecular and Cellular Genetic Center, Apoptosis/Differentiation  
Laboratory, University of Lyon, Villeurbanne, 69622, Fr.  
SO Apoptosis (2004), 9(1), 37-49  
CODEN: APOPFN; ISSN: 1360-8185  
PB Kluwer Academic Publishers  
DT Journal; General Review  
LA English  
RE.CNT 106 THERE ARE 106 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT



on STN  
AN 2004:748442 SCISEARCH  
GA The Genuine Article (R) Number: 850VC  
TI Cancer - Cell survival guide  
AU Fearon E R (Reprint); Cho K R  
CS Univ Michigan, Sch Med, Dept Internal Med, Div Med & Mol Genet, Ann Arbor,  
MI 48109 USA (Reprint); Univ Michigan, Sch Med, Dept Pathol, Div Med & Mol  
Genet, Ann Arbor, MI 48109 USA; Ctr Comprehens Canc, Ann Arbor, MI 48109  
USA  
CYA USA  
SO NATURE, (2 SEP 2004) Vol. 431, No. 7004, pp. 35-36.  
Publisher: NATURE PUBLISHING GROUP, MACMILLAN BUILDING, 4 CRINAN ST,  
LONDON N1 9XW, ENGLAND.  
ISSN: 0028-0836.  
DT Editorial; Journal  
LA English  
REC Reference Count: 14

L2 ANSWER 58 OF 313 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2004:358676 CAPLUS  
DN 141:188083  
TI Large-scale identification and characterization of genes with asymmetric  
expression patterns in the developing chick retina  
AU Shintani, Takafumi; Kato, Akira; Junichi, Yuasa-Kawada; Sakuta, Hiraki;  
Takahashi, Masakazu; Suzuki, Ryoko; Ohkawara, Takeshi; Takahashi, Hiroo;  
Noda, Masaharu  
CS Division of Molecular Neurobiology, National Institute for Basic Biology,  
and Department of Molecular Biomechanics, Graduate University for Advanced  
Studies, Okazaki, 444-8585, Japan  
SO Journal of Neurobiology (2004), 59(1), 34-47  
CODEN: JNEUBZ; ISSN: 0022-3034  
PB John Wiley & Sons, Inc.  
DT Journal  
LA English  
RE.CNT 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 59 OF 313 IFIPAT COPYRIGHT 2005 IFI on STN DUPLICATE 12  
AN 10315446 IFIPAT;IFIUDB;IFICDB  
TI NETRIN RECEPTORS; VERTEBRATE PROTEIN FOR USE IN HUMAN THERAPEUTIC AND  
DIAGNOSTICS  
IN Hinck Lindsay; Keino-Masu Kazuko; Leonardo E David; Masu Masayuki;  
Tessier-Lavigne Marc  
PA Unassigned Or Assigned To Individual (68000)  
PI US 2003059859 A1 20030327  
AI US 2002-256702 20020927  
RLI US 2001-933261 20010820 CONTINUATION PENDING  
FI US 2003059859 20030327  
DT Utility; Patent Application - First Publication  
FS CHEMICAL  
APPLICATION  
CLMN 10

L2 ANSWER 60 OF 313 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2003:972193 CAPLUS  
DN 140:24172  
TI Human cDNA sequences and their encoded proteins and diagnostic and  
therapeutic uses  
IN Alsobrook, John P., II; Alvarez, Enrique; Anderson, David W.; Boldog,  
Ferenc L.; Casman, Stacie J.; Catterton, Elina; Chapoval, Andrei;  
Crabtree-Bokor, Julie R.; Edinger, Shlomit R.  
PA Curagen Corporation, USA  
SO PCT Int. Appl., 1880 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 155  
PATENT NO. KIND DATE APPLICATION NO. DATE

PI	WO	2003102155	A2	20031211	WO 2003-US17430	20030603
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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PRAI	US	2002-385120P	P	20020603		
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	US	2000-216585P	P	20000707		
	US	2000-216586P	P	20000707		
	US	2000-216722P	P	20000707		
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	US	2000-218992P	P	20000717		
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US	2002-372019P	P	20020412
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US	2002-374682P	P	20020423
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US	2002-420382P	P	20021022

L2 ANSWER 61 OF 313 USPATFULL on STN

AN 2003:335332 USPATFULL

TI Detection and modulation of Slit and roundabout (Robo) mediated angiogenesis and uses thereof

IN Geng, Jian-Guo, Portage, MI, UNITED STATES

PI US 2003236210 A1 20031225

AI US 2003-386386 A1 20030310 (10)

PRAI US 2002-362485P 20020308 (60)

DT Utility

FS APPLICATION

LN.CNT 1337

INCL INCLM: 514/044.000

INCLS: 424/145.100

NCL NCLM: 514/044.000

NCLS: 424/145.100

IC [7]

ICM: A61K048-00

ICS: A61K039-395

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 62 OF 313 USPATFULL on STN

AN 2003:330208 USPATFULL

TI Molecules interacting with CASL (MICAL) polynucleotides, polypeptides, and methods of using the same

IN Kolodkin, Alex L., Baltimore, MD, UNITED STATES

Terman, Jon R., Baltimore, MD, UNITED STATES

Mao, Tiany, Parkville, MD, UNITED STATES

Pasterkamp, Ronald J., Baltimore, MD, UNITED STATES

Yu, Hung-Hsiang, Lynnwood, WA, UNITED STATES

PI US 2003232419 A1 20031218

AI US 2003-359012 A1 20030204 (10)

PRAI US 2002-354178P 20020204 (60)

US 2002-384302P 20020530 (60)

US 2002-388325P 20020613 (60)

DT Utility

FS APPLICATION

LN.CNT 10590

INCL INCLM: 435/191.000

INCLS: 435/069.100; 435/320.100; 435/325.000; 530/388.260; 435/006.000;  
435/007.200; 536/023.200

NCLS: 435/069.100; 435/320.100; 435/325.000; 530/388.260; 435/006.000;  
435/007.200; 536/023.200

IC [7]

ICM: C12Q001-68

ICS: G01N033-53; G01N033-567; C12N009-06; C12P021-02; C12N005-06;  
C07K016-40; C07H021-04

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 63 OF 313 USPATFULL on STN

AN 2003:294332 USPATFULL

TI Beta netrin and uses thereof

IN Olson, Pamela, Chestnut Hill, MA, UNITED STATES

Hunter, Dale, Canton, MA, UNITED STATES

Brunken, William, Canton, MA, UNITED STATES

Koch, Manuel, Cambridge, MA, UNITED STATES

Burgeson, Robert, Marblehead, MA, UNITED STATES

PI US 2003207347 A1 20031106

AI US 2001-795671 A1 20010228 (9)

PRAI US 2000-229893P 20000901 (60)

US 2000-185811P 20000229 (60)

DT Utility

FS APPLICATION

LN.CNT 5217

INCL INCLM: 435/069.100

INCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500; 530/388.220;  
424/185.100; 800/008.000

NCL NCLM: 435/069.100

NCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500; 530/388.220;  
424/185.100; 800/008.000

IC [7]

ICM: A01K067-00

ICS: C07H021-04; C12P021-02; C12N005-06; C07K014-705; C07K016-30

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 64 OF 313 USPATFULL on STN

AN 2003:289292 USPATFULL

TI Novel proteins and nucleic acids encoding same and antibodies directed  
against these proteins

IN Herrmann, John L., Guilford, CT, UNITED STATES

Rastelli, Luca, Guilford, CT, UNITED STATES

Shimkets, Richard A., Guilford, CT, UNITED STATES

PI US 2003204052 A1 20031030

AI US 2001-970944 A1 20011004 (9)

PRAI US 2000-237862P 20001004 (60)

DT Utility

FS APPLICATION

LN.CNT 7083

INCL INCLM: 530/350.000

INCLS: 435/325.000; 435/320.100; 435/069.100; 536/023.500

NCL NCLM: 530/350.000

NCLS: 435/325.000; 435/320.100; 435/069.100; 536/023.500

IC [7]

ICM: C07K014-435

ICS: C07H021-04; C12P021-02; C12N005-06

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 65 OF 313 USPATFULL on STN

AN 2003:250955 USPATFULL

TI Schizophrenia related gene

IN Cochran, Susan, Glasgow, UNITED KINGDOM

Paterson, Gary, Glasgow, UNITED KINGDOM

Ohashi, Yoshitaka, Tokyo, JAPAN

Morris, Brian, Glasgow, UNITED KINGDOM

Pratt, Judith, Glasgow, UNITED KINGDOM

PI US 2003175741 A1 20030918

AI US 2003-240154 A1 20030429 (10)

WO 2001-GB1486 20010402

PRAI GB 2000-7880 20000331

DT Utility  
FS APPLICATION  
LN.CNT 4196  
INCL INCLM: 435/006.000  
NCL NCLM: 435/006.000  
IC [7]

ICM: C12Q001-68

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 66 OF 313 USPATFULL on STN  
AN 2003:120277 USPATFULL  
TI Nucleic acids, proteins, and antibodies  
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES  
Barash, Steven C., Rockville, MD, UNITED STATES  
PA Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)  
PI US 2003082758 A1 20030501  
AI US 2002-103313 A1 20020322 (10)  
RLI Continuation of Ser. No. US 2001-764854, filed on 17 Jan 2001, ABANDONED  
PRAI US 2000-179065P 20000131 (60)  
US 2000-180628P 20000204 (60)  
US 2000-214886P 20000628 (60)  
US 2000-217487P 20000711 (60)  
US 2000-225758P 20000814 (60)  
US 2000-220963P 20000726 (60)  
US 2000-217496P 20000711 (60)  
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US 2000-225270P 20000814 (60)  
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US 2000-234223P 20000921 (60)  
US 2000-228924P 20000830 (60)  
US 2000-224518P 20000814 (60)  
US 2000-236369P 20000929 (60)  
US 2000-224519P 20000814 (60)  
US 2000-220964P 20000726 (60)  
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US 2000-249299P 20001117 (60)  
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US 2000-241785P 20001020 (60)  
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US 2000-225268P 20000814 (60)  
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US 2000-246532P	20001108 (60)
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US 2000-249210P	20001117 (60)
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US 2000-241826P	20001020 (60)
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US 2000-241221P	20001020 (60)
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US 2000-231243P	20000908 (60)
US 2000-233065P	20000914 (60)
US 2000-232398P	20000914 (60)
US 2000-234998P	20000925 (60)
US 2000-246477P	20001108 (60)
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	US 2001-259678P	20010105 (60)
DT	Utility	
FS	APPLICATION	
LN.CNT	29207	
INCL	INCLM: 435/183.000	
	INCLS: 435/006.000; 435/069.100; 435/320.100; 435/325.000; 536/023.200	
NCL	NCLM: 435/183.000	
	NCLS: 435/006.000; 435/069.100; 435/320.100; 435/325.000; 536/023.200	
IC	[7]	
	ICM: C12Q001-68	
	ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
L2	ANSWER 67 OF 313 USPATFULL on STN	
AN	2003:93010	USPATFULL
TI	Novel proteins and nucleic acids encoding same	
IN	Taupier, Raymond J., JR., East Haven, CT, UNITED STATES	
	Padigaru, Muralidhara, Branford, CT, UNITED STATES	
	Rastelli, Luca, Guilford, CT, UNITED STATES	
	Spaderna, Steven Kurt, Berlin, CT, UNITED STATES	
	Shimkets, Richard A., West Haven, CT, UNITED STATES	
	Zerhusen, Bryan D., Branford, CT, UNITED STATES	
	Spytek, Kimberly Ann, New Haven, CT, UNITED STATES	
	Shenoy, Suresh G., Branford, CT, UNITED STATES	
	Li, Li, Cheshire, CT, UNITED STATES	
	Gusev, Vladimir Y., Madison, CT, UNITED STATES	
	Grosse, William M., Branford, CT, UNITED STATES	
	Alsobrook, John P., II, Madison, CT, UNITED STATES	
	Lepley, Denise M., Branford, CT, UNITED STATES	
	Burgess, Catherine E., Wethersfield, CT, UNITED STATES	
	Gerlach, Valerie L., Branford, CT, UNITED STATES	
	Ellerman, Karen, Branford, CT, UNITED STATES	
	MacDougall, John R., Hamden, CT, UNITED STATES	
	Stone, David J., Guilford, CT, UNITED STATES	
	Smithson, Glennda, Guilford, CT, UNITED STATES	
PI	US 2003064369	A1 20030403
AI	US 2001-918779	A1 20010730 (9)
PRAI	US 2000-221409P	20000728 (60)
	US 2000-222840P	20000804 (60)
	US 2000-223752P	20000808 (60)
	US 2000-223762P	20000808 (60)
	US 2000-223770P	20000808 (60)
	US 2000-223769P	20000808 (60)
	US 2000-225146P	20000814 (60)
	US 2000-225392P	20000815 (60)
	US 2000-225470P	20000815 (60)
	US 2000-225697P	20000816 (60)
	US 2001-263662P	20010201 (60)
	US 2001-281645P	20010405 (60)
DT	Utility	
FS	APPLICATION	
LN.CNT	11094	

INCLS: 435/069.100; 435/325.000; 435/320.100; 435/183.000; 530/350.000;  
536/023.200  
NCL NCLM: 435/006.000  
NCLS: 435/069.100; 435/325.000; 435/320.100; 435/183.000; 530/350.000;  
536/023.200  
IC [7]  
ICM: C12Q001-68  
ICS: C07H021-04; C12N009-00; C07K014-435; C12P021-02; C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 68 OF 313 USPATFULL on STN  
AN 2003:86270 USPATFULL  
TI Nucleic acids, proteins, and antibodies  
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES  
Barash, Steven C., Rockville, MD, UNITED STATES  
PA Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)  
PI US 2003059875 A1 20030327  
AI US 2002-125540 A1 20020419 (10)  
RLI Continuation of Ser. No. US 2001-764870, filed on 17 Jan 2001, ABANDONED  
PRAI US 2000-179065P 20000131 (60)  
US 2000-180628P 20000204 (60)  
US 2000-214886P 20000628 (60)  
US 2000-217487P 20000711 (60)  
US 2000-225758P 20000814 (60)  
US 2000-220963P 20000726 (60)  
US 2000-217496P 20000711 (60)  
US 2000-225447P 20000814 (60)  
US 2000-218290P 20000714 (60)  
US 2000-225757P 20000814 (60)  
US 2000-226868P 20000822 (60)  
US 2000-216647P 20000707 (60)  
US 2000-225267P 20000814 (60)  
US 2000-216880P 20000707 (60)  
US 2000-225270P 20000814 (60)  
US 2000-251869P 20001208 (60)  
US 2000-235834P 20000927 (60)  
US 2000-234274P 20000921 (60)  
US 2000-234223P 20000921 (60)  
US 2000-228924P 20000830 (60)  
US 2000-224518P 20000814 (60)  
US 2000-236369P 20000929 (60)  
US 2000-224519P 20000814 (60)  
US 2000-220964P 20000726 (60)  
US 2000-241809P 20001020 (60)  
US 2000-249299P 20001117 (60)  
US 2000-236327P 20000929 (60)  
US 2000-241785P 20001020 (60)  
US 2000-244617P 20001101 (60)  
US 2000-225268P 20000814 (60)  
US 2000-236368P 20000929 (60)  
US 2000-251856P 20001208 (60)  
US 2000-251868P 20001208 (60)  
US 2000-229344P 20000901 (60)  
US 2000-234997P 20000925 (60)  
US 2000-229343P 20000901 (60)  
US 2000-229345P 20000901 (60)  
US 2000-229287P 20000901 (60)  
US 2000-229513P 20000905 (60)  
US 2000-231413P 20000908 (60)  
US 2000-229509P 20000905 (60)  
US 2000-236367P 20000929 (60)  
US 2000-237039P 20001002 (60)  
US 2000-237038P 20001002 (60)  
US 2000-236370P 20000929 (60)  
US 2000-236802P 20001002 (60)  
US 2000-237037P 20001002 (60)  
US 2000-237040P 20001002 (60)



US 2000-239935P	20001013 (60)
US 2000-239937P	20001013 (60)
US 2000-241787P	20001020 (60)
US 2000-246474P	20001108 (60)
US 2000-246532P	20001108 (60)
US 2000-249216P	20001117 (60)
US 2000-249210P	20001117 (60)
US 2000-226681P	20000822 (60)
US 2000-225759P	20000814 (60)
US 2000-225213P	20000814 (60)
US 2000-227182P	20000822 (60)
US 2000-225214P	20000814 (60)
US 2000-235836P	20000927 (60)
US 2000-230438P	20000906 (60)
US 2000-215135P	20000630 (60)
US 2000-225266P	20000814 (60)
US 2000-249218P	20001117 (60)
US 2000-249208P	20001117 (60)
US 2000-249213P	20001117 (60)
US 2000-249212P	20001117 (60)
US 2000-249207P	20001117 (60)
US 2000-249245P	20001117 (60)
US 2000-249244P	20001117 (60)
US 2000-249217P	20001117 (60)
US 2000-249211P	20001117 (60)
US 2000-249215P	20001117 (60)
US 2000-249264P	20001117 (60)
US 2000-249214P	20001117 (60)
US 2000-249297P	20001117 (60)
US 2000-232400P	20000914 (60)
US 2000-231242P	20000908 (60)
US 2000-232081P	20000908 (60)
US 2000-232080P	20000908 (60)
US 2000-231414P	20000908 (60)
US 2000-231244P	20000908 (60)
US 2000-233064P	20000914 (60)
US 2000-233063P	20000914 (60)
US 2000-232397P	20000914 (60)
US 2000-232399P	20000914 (60)
US 2000-232401P	20000914 (60)
US 2000-241808P	20001020 (60)
US 2000-241826P	20001020 (60)
US 2000-241786P	20001020 (60)
US 2000-241221P	20001020 (60)
US 2000-246475P	20001108 (60)
US 2000-231243P	20000908 (60)
US 2000-233065P	20000914 (60)
US 2000-232398P	20000914 (60)
US 2000-234998P	20000925 (60)
US 2000-246477P	20001108 (60)
US 2000-246528P	20001108 (60)
US 2000-246525P	20001108 (60)
US 2000-246476P	20001108 (60)
US 2000-246526P	20001108 (60)
US 2000-249209P	20001117 (60)
US 2000-246527P	20001108 (60)
US 2000-246523P	20001108 (60)
US 2000-246524P	20001108 (60)
US 2000-246478P	20001108 (60)
US 2000-246609P	20001108 (60)
US 2000-246613P	20001108 (60)
US 2000-249300P	20001117 (60)
US 2000-249265P	20001117 (60)
US 2000-246610P	20001108 (60)
US 2000-246611P	20001108 (60)
US 2000-230437P	20000906 (60)
US 2000-251990P	20001208 (60)
US 2000-251988P	20001205 (60)

US 2000-251479P 20001206 (60)  
 US 2000-256719P 20001205 (60)  
 US 2000-250160P 20001201 (60)  
 US 2000-251989P 20001208 (60)  
 US 2000-250391P 20001201 (60)  
 US 2000-254097P 20001211 (60)  
 US 2000-231968P 20000912 (60)  
 US 2000-226279P 20000818 (60)  
 US 2000-186350P 20000302 (60)  
 US 2000-184664P 20000224 (60)  
 US 2000-189874P 20000316 (60)  
 US 2000-198123P 20000418 (60)  
 US 2000-227009P 20000823 (60)  
 US 2000-235484P 20000926 (60)  
 US 2000-190076P 20000317 (60)  
 US 2000-209467P 20000607 (60)  
 US 2000-205515P 20000519 (60)  
 US 2001-259678P 20010105 (60)

DT Utility  
 FS APPLICATION  
 LN.CNT 23013  
 INCL INCLM: 435/069.100  
 INCLS: 435/325.000; 435/320.100; 435/006.000; 435/183.000; 536/023.200  
 NCL NCLM: 435/069.100  
 NCLS: 435/325.000; 435/320.100; 435/006.000; 435/183.000; 536/023.200  
 IC [7]  
 ICM: C12Q001-68  
 ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 69 OF 313 USPATFULL on STN  
 AN 2003:57482 USPATFULL  
 TI Netrin receptors  
 IN Tessier-Lavigne, Marc, San Francisco, CA, UNITED STATES  
 Leonardo, E. David, San Francisco, CA, UNITED STATES  
 Hinck, Lindsay, San Francisco, CA, UNITED STATES  
 Masu, Masayuki, San Francisco, CA, UNITED STATES  
 Keino-Masu, Kazuko, San Francisco, CA, UNITED STATES  
 PI US 2003040046 A1 20030227  
 AI US 2001-933261 A1 20010820 (9)  
 RLI Division of Ser. No. US 1999-306902, filed on 7 May 1999, GRANTED, Pat.  
 No. US 6277585 Division of Ser. No. US 1997-808982, filed on 19 Feb  
 1997, GRANTED, Pat. No. US 5939271

DT Utility  
 FS APPLICATION  
 LN.CNT 1121  
 INCL INCLM: 435/069.100  
 INCLS: 435/007.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500  
 NCL NCLM: 435/069.100  
 NCLS: 435/007.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500  
 IC [7]  
 ICM: C07K014-705  
 ICS: G01N033-53; C07H021-04; C12P021-02; C12N005-06  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 70 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
 STN DUPLICATE 13  
 AN 2003:482322 BIOSIS  
 DN PREV200300482322  
 TI Netrin binds discrete subdomains of DCC and \*\*\*UNC5\*\*\* and mediates  
 interactions between DCC and heparin.  
 AU Geisbrecht, Brian V.; Dowd, Kimberly A.; Barfield, Ronald W.; Longo, Patti  
 A.; Leahy, Daniel J. [Reprint Author]  
 CS Dept. of Biophysics and Biophysical Chemistry, Howard Hughes Medical  
 Institute, Johns Hopkins University School of Medicine, 725 N. Wolfe St.,  
 Baltimore, MD, 21205, USA  
 dleahy@jhmi.edu  
 SO Journal of Biological Chemistry, (August 29 2003) Vol. 278, No. 35, pp.

CODEN: JBCHA3. ISSN: 0021-9258.  
 DT Article  
 LA English  
 ED Entered STN: 15 Oct 2003  
 Last Updated on STN: 15 Oct 2003

L2 ANSWER 71 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
 STN DUPLICATE 14  
 AN 2003:308605 BIOSIS  
 DN PREV200300308605  
 TI \*\*\*UNC5H1\*\*\* induces apoptosis via its juxtamembrane region through an  
 interaction with NRAGE.  
 AU Williams, Megan E.; Strickland, Phyllis; Watanabe, Ken; Hinck, Lindsay  
 [Reprint Author]  
 CS Department of Molecular, Cell and Developmental Biology, University of  
 California, Santa Cruz, CA, 95064, USA  
 hinck@biology.ucsc.edu  
 SO Journal of Biological Chemistry, (May 9 2003) Vol. 278, No. 19, pp.  
 17483-17490. print.  
 CODEN: JBCHA3. ISSN: 0021-9258.

DT Article  
 LA English  
 ED Entered STN: 2 Jul 2003  
 Last Updated on STN: 2 Jul 2003

L2 ANSWER 72 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
 STN DUPLICATE 15  
 AN 2004:46907 BIOSIS  
 DN PREV200400039629  
 TI Surface expression of the netrin receptor \*\*\*UNC5H1\*\*\* is regulated  
 through a protein kinase C-interacting protein/protein kinase-dependent  
 mechanism.  
 AU Williams, Megan E.; Wu, Sareina C.-Y.; McKenna, William L.; Hinck, Lindsay  
 [Reprint Author]  
 CS Sinsheimer Laboratories, University of California, Santa Cruz, CA, 95064,  
 USA  
 hinck@biology.ucsc.edu  
 SO Journal of Neuroscience, (December 10 2003) Vol. 23, No. 36, pp.  
 11279-11288. print.  
 ISSN: 0270-6474 (ISSN print).

DT Article  
 LA English  
 ED Entered STN: 14 Jan 2004  
 Last Updated on STN: 14 Jan 2004

L2 ANSWER 73 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
 STN DUPLICATE 16  
 AN 2003:252315 BIOSIS  
 DN PREV200300252315  
 TI The netrin-1 receptors \*\*\*UNC5H\*\*\* are putative tumor suppressors  
 controlling cell death commitment.  
 AU Thiebault; Karine; Mazelin, Laetitia; Pays, Laurent; Llambi, Fabien; Joly,  
 Marie-Odile; Scoazec, Jean-Yves; Saurin, Jean-Christophe; Romeo, Giovanni;  
 Mehlen, Patrick [Reprint Author]  
 CS Apoptosis/Differentiation Laboratory, Equipe Labellisee la Ligue,  
 Molecular and Cellular Genetic Center, Centre National de la Recherche  
 Scientifique, Unite Mixte de Recherche 5534, University of Lyon, 69622,  
 Villeurbanne, France  
 mehlen@univ-lyon1.fr  
 SO Proceedings of the National Academy of Sciences of the United States of  
 America, (April 1 2003) Vol. 100, No. 7, pp. 4173-4178. print.  
 ISSN: 0027-8424 (ISSN print).

DT Article  
 LA English  
 ED Entered STN: 28 May 2003  
 Last Updated on STN: 28 May 2003

L2 ANSWER 74 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on

AN 2003:257296 BIOSIS  
 DN PREV200300257296  
 TI Netrin-1 is a chemorepellent for oligodendrocyte precursor cells in the embryonic spinal cord.  
 AU Jarjour, Andrew A.; Manitt, Colleen; Moore, Simon W.; Thompson, Katherine M.; Yuh, Sung-Joo; Kennedy, Timothy E. [Reprint Author]  
 CS Centre for Neuronal Survival, Montreal Neurological Institute, McGill University, 3801 University Street, Montreal, Quebec, H3A 2B4, Canada timothy.kennedy@mcgill.ca  
 SO Journal of Neuroscience, (May 1 2003) Vol. 23, No. 9, pp. 3735-3744. print.  
 ISSN: 0270-6474 (ISSN print).  
 DT Article  
 LA English  
 ED Entered STN: 4 Jun 2003  
 Last Updated on STN: 4 Jun 2003

L2 ANSWER 75 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN DUPLICATE 18  
 AN 2003:281750 BIOSIS  
 DN PREV200300281750  
 TI Netrin 1 mediates spinal cord oligodendrocyte precursor dispersal.  
 AU Tsai, Hui-Hsin; Tessier-Lavigne, Marc; Miller, Robert H. [Reprint Author]  
 CS Department of Neurosciences, School of Medicine, Case Western Reserve University, Cleveland, OH, 44106, USA  
 rhm3@po.cwru.edu  
 SO Development (Cambridge), (May 2003) Vol. 130, No. 10, pp. 2095-2105. print.  
 CODEN: DEVPED. ISSN: 0950-1991.  
 DT Article  
 LA English  
 ED Entered STN: 19 Jun 2003  
 Last Updated on STN: 19 Jun 2003

L2 ANSWER 76 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN DUPLICATE 19  
 AN 2004:154330 BIOSIS  
 DN PREV200400150821  
 TI Characterization of the two genes differentially expressed during development in human fetal astrocytes.  
 AU Lee, Sung Soo; Seo, Hee Seok; Choi, Sun Ju; Park, Hyun Sook; Lee, Ji Yong; Lee, Kyung-Ho; Park, Joo Young [Reprint Author]  
 CS Department of Microbiology, Wonju College of Medicine, Yonsei University, 162 Ilsan-dong, Wonju, Kangwon-do, 220-701, South Korea  
 joopark@wonju.yonsei.ac.kr  
 SO Yonsei Medical Journal, (December 30 2003) Vol. 44, No. 6, pp. 1059-1068. print.  
 CODEN: YOMJA9. ISSN: 0513-5796.  
 DT Article  
 LA English  
 ED Entered STN: 17 Mar 2004  
 Last Updated on STN: 17 Mar 2004

L2 ANSWER 77 OF 313 AQUASCI COPYRIGHT 2005 FAO (On behalf of the ASFA Advisory Board). All rights reserved. on STN DUPLICATE 20  
 AN 2003:49785 AQUASCI  
 DN ASFA1 2003  
 TI Cyclic AMP/GMP-dependent modulation of Ca<sup>2+</sup> channels sets the polarity of nerve growth-cone turning  
 AU Nishiyama, M.; Hoshino, A.; Tsai, L.; Henley, J.R.; Goshima, Y.; Tessier-Lavigne, M.; Poo, M.; Hong, K.  
 CS Department of Biochemistry, New York University School of Medicine, New York, New York 10016-6402, USA  
 SO Nature, (20030626) vol. 423, no. 6943, pp. 990-995.  
 ISSN: 0028-0836.  
 DT Journal  
 FS ASFA1  
 LA English

L2 ANSWER 78 OF 313 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation  
 on STN  
 AN 2003:663887 SCISEARCH  
 GA The Genuine Article (R) Number: 709FT  
 TI Inhibition of neuroepithelial patched-induced apoptosis by Sonic hedgehog  
 AU Thibert C; Teillet M A; Lapointe F; Mazelin L; Le Douarin N M; Mehlen P  
 (Reprint)  
 CS Univ Lyon 1, CNRS, UMR 5534, Mol & Cellular Genet Ctr, Apoptosis  
 Differentiat Lab, F-69622 Villeurbanne, France (Reprint); CNRS, UMR 7128,  
 Lab Embryol Cellulaire & Mol, F-94736 Nogent Sur Marne, France; Int Agcy  
 Res Canc, F-69008 Lyon, France  
 CYA France  
 SO SCIENCE, (8 AUG 2003) Vol. 301, No. 5634, pp. 843-846.  
 Publisher: AMER ASSOC ADVANCEMENT SCIENCE, 1200 NEW YORK AVE, NW,  
 WASHINGTON, DC 20005 USA.  
 ISSN: 0036-8075.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 29  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L2 ANSWER 79 OF 313 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 21  
 AN 2003:447021 CAPLUS  
 DN 139:114683  
 TI Unwrapping glial biology: Gcm target genes regulating glial development,  
 diversification, and function  
 AU Freeman, Marc R.; Delrow, Jeffrey; Kim, Junhyong; Johnson, Eric; Doe,  
 Chris Q.  
 CS Institutes of Neuroscience and Molecular Biology, University of Oregon,  
 Eugene, OR, 97403, USA  
 SO Neuron (2003), 38(4), 567-580  
 CODEN: NERNET; ISSN: 0896-6273  
 PB Cell Press  
 DT Journal  
 LA English  
 RE.CNT 65 THERE ARE 65 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 80 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
 STN DUPLICATE 22  
 AN 2004:74501 BIOSIS  
 DN PREV200400076667  
 TI The dependence receptors DCC and \*\*\*UNC5H\*\*\* as a link between  
 neuronal guidance and survival.  
 AU Mehlen, Patrick [Reprint Author]; Mazelin, Laetitia  
 CS Apoptosis/Differentiation Laboratory, Molecular and Cellular Genetic  
 Center, CNRS UMR 5534, University of Lyon, 69622, Villeurbanne, France  
 mehlen@univ-lyon1.fr  
 SO Biology of the Cell (Paris), (October 2003) Vol. 95, No. 7, pp. 425-436.  
 print.  
 CODEN: BCELDF. ISSN: 0248-4900.  
 DT Article  
 General Review; (Literature Review)  
 LA English  
 ED Entered STN: 4 Feb 2004  
 Last Updated on STN: 4 Feb 2004

L2 ANSWER 81 OF 313 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 23  
 AN 2003:559461 CAPLUS  
 DN 140:89346  
 TI The dependence receptor \*\*\*UNC5H2\*\*\* /B mediates p53-dependent  
 apoptosis  
 AU Mehlen, Patrick  
 CS University of Lyon, Villeurbanne, Fr.  
 SO Chemtracts (2003), 16(6), 383-386  
 CODEN: CHEMFW; ISSN: 1431-9268  
 PB Data Trace Publishing Co.

LA English

RE.CNT 11

THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 82 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
STN DUPLICATE 24  
AN 2003:450358 BIOSIS  
DN PREV200300450358  
TI Characterization of Netrin-1, Neogenin and cUNC-5H3 expression during  
chick dorsal root ganglia development.  
AU Guan, Wei; Condic, Maureen L. [Reprint Author]  
CS Interdepartmental Program in Neuroscience, School of Medicine, University  
of Utah, 20 North, 1900 East, Salt Lake City, UT, 84132-3401, USA  
maureen.condic@hsc.utah.edu  
SO Gene Expression Patterns, (June 2003) Vol. 3, No. 3, pp. 369-373. print.  
ISSN: 1567-133X (ISSN print).  
DT Article  
LA English  
ED Entered STN: 1 Oct 2003  
Last Updated on STN: 1 Oct 2003

L2 ANSWER 83 OF 313 BIOTECHNO COPYRIGHT 2005 Elsevier Science B.V. on STN  
DUPLICATE  
AN 2003:36076423 BIOTECHNO  
TI Quantification of expression of netrins, slits and their receptors in  
human prostate tumors  
AU Latil A.; Chene L.; Cochant-Priollet B.; Mangin P.; Fournier G.; Berthon  
P.; Cussenot O.  
CS A. Latil, UroGene, 4 rue Pierre Fontaine, F-91058, Evry Cedex, France.  
E-mail: a.latil@urogene.com  
SO International Journal of Cancer, (20 JAN 2003), 103/3 (306-315), 30  
reference(s)  
CODEN: IJCNW ISSN: 0020-7136  
DT Journal; Article  
CY United States  
LA English  
SL English

L2 ANSWER 84 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
STN DUPLICATE 26  
AN 2003:450343 BIOSIS  
DN PREV200300450343  
TI Expression of Netrin-1 and its two receptors DCC and \*\*\*UNC5H2\*\*\* in  
the developing mouse lung.  
AU Dalvin, Sussie; Anselmo, Mark A.; Prodhan, Parthak; Komatsuzaki, Katsumi;  
Schnitzer, Jay J.; Kinane, T. Bernard [Reprint Author]  
CS Pediatric Pulmonary Unit, Department of Pediatrics, Massachusetts General  
Hospital for Children, Harvard Medical School, Boston, MA, 02114, USA  
tkinane@partners.org  
SO Gene Expression Patterns, (June 2003) Vol. 3, No. 3, pp. 279-283. print.  
ISSN: 1567-133X (ISSN print).  
DT Article  
LA English  
ED Entered STN: 1 Oct 2003  
Last Updated on STN: 1 Oct 2003

L2 ANSWER 85 OF 313 BIOTECHNO COPYRIGHT 2005 Elsevier Science B.V. on STN  
DUPLICATE  
AN 2003:36693143 BIOTECHNO  
TI Ten years on: Mediation of cell death by the common neurotrophin receptor  
p75.sup.N.sup.T.sup.R  
AU Rabizadeh S.; Bredesen D.E.  
CS D.E. Bredesen, Buck Institute for Age Research, 8001 Redwood Blvd.,  
Novato, CA 94945-1400, United States.  
E-mail: dbredesen@buckinstitute.org  
SO Cytokine and Growth Factor Reviews, (2003), 14/3-4 (225-239), 142  
reference(s)  
CODEN: CGFRFB ISSN: 1359-6101

CY United Kingdom  
LA English  
SL English

L2 ANSWER 86 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
STN DUPLICATE 28  
AN 2003:200772 BIOSIS  
DN PREV200300200772  
TI p53RDL1 regulates p53-dependent apoptosis.  
AU Tanikawa, Chizu; Matsuda, Koichi; Fukuda, Seisuke; Nakamura, Yusuke;  
Arakawa, Hirofumi [Reprint Author]  
CS Cancer Medicine and Biophysics Division, National Cancer Center Research  
Institute, 5-1-1 Tsukiji, Chuou-ku, Tokyo, 104-0045, Japan  
harakawa@gan2.res.ncc.go.jp  
SO Nature Cell Biology, (March 2003) Vol. 5, No. 3, pp. 216-223. print.  
ISSN: 1465-7392 (ISSN print).  
DT Article  
LA English  
ED Entered STN: 23 Apr 2003  
Last Updated on STN: 23 Apr 2003

L2 ANSWER 87 OF 313 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2004:165855 CAPLUS  
DN 140:403634  
TI Axon guidance at the Drosophila midline: genetic analysis of downstream  
signaling molecules in UNC-5 pathway  
AU Kim, Sang W.; Ho, Theresa; Goodman, Corey S.  
CS Department of Molecular and Cell Biology, College of Letters and Science,  
University of California at Berkeley, USA  
SO Berkeley Scientific (2003), 7(2), 123-128  
CODEN: BESCF6; ISSN: 1097-0967  
PB Berkeley Scientific  
DT Journal  
LA English  
RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 88 OF 313 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2003:450678 CAPLUS  
DN 139:359509  
TI Purification and characterization of novel genes of human fetal astrocytes  
AU Park, Joo Young; Seo, Hee Seok; Choi, Sun Ju; Park, Hyun Sook; Lee,  
Kyoung-Ho; Koh, Choon-Myung; Lee, Sung Soo  
CS Department of Microbiology, Institute of Basic Medical Sciences Yonsei  
University Wonju College of Medicine, Wonju, Kangwon-Do, 220-701, S. Korea  
SO Journal of Bacteriology and Virology (2003), 33(1), 101-112  
CODEN: JBVOAH; ISSN: 1598-2467  
PB Journal of Bacteriology and Virology  
DT Journal  
LA Korean

L2 ANSWER 89 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
STN  
AN 2004:201260 BIOSIS  
DN PREV200400201818  
TI cAMP/cGMP - dependent modulation of calcium channels sets the polarity of  
nerve growth cone turning.  
AU Hoshino, A. [Reprint Author]; Nishiyama, M. [Reprint Author]; Tsai, L.  
[Reprint Author]; Henley, J. R.; Goshima, Y.; Tessier-Lavigne, M.; Poo,  
M.; Hong, K. [Reprint Author]  
CS BioChem., NYU Sch. of Med., New York, NY, USA  
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2003)  
Vol. 2003, pp. Abstract No. 566.8. <http://sfn.scholarone.com>. e-file.  
Meeting Info.: 33rd Annual Meeting of the Society of Neuroscience. New  
Orleans, LA, USA. November 08-12, 2003. Society of Neuroscience.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
LA English

Last Updated on STN: 14 Apr 2004

L2 ANSWER 90 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
STN  
AN 2004:200217 BIOSIS  
DN PREV200400200776  
TI Characterization of the expression of netrin - 1 and its receptors DCC,  
\*\*\*Unc5H1\*\*\* , \*\*\*Unc5H2\*\*\* and Unc5H3 in the adult intact and  
lesioned rat spinal cord.  
AU Loew, K. I. [Reprint Author]; Culbertson, M. [Reprint Author];  
Tessier-Lavigne, M.; Tuszynski, M. H. [Reprint Author]  
CS Dept. Neurosci, UCSD Sch. Med, La Jolla, CA, USA  
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2003)  
Vol. 2003, pp. Abstract No. 498.5. <http://sfn.scholarone.com>. e-file.  
Meeting Info.: 33rd Annual Meeting of the Society of Neuroscience. New  
Orleans, LA, USA. November 08-12, 2003. Society of Neuroscience.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
LA English  
ED Entered STN: 14 Apr 2004  
Last Updated on STN: 14 Apr 2004

L2 ANSWER 91 OF 313 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2003:424280 CAPLUS  
DN 139:162215  
TI Analysis of the roles of Drosophila netrin receptors frazzled and  
\*\*\*unc5\*\*\* in axon guidance  
AU Ho, Theresa Wei-Yuan  
CS Univ. of California, Berkeley, CA, USA  
SO (2002) 160 pp. Avail.: UMI, Order No. DA3063407  
From: Diss. Abstr. Int., B 2003, 63(9), 4069  
DT Dissertation  
LA English

L2 ANSWER 92 OF 313 DISSABS COPYRIGHT (C) 2005 ProQuest Information and  
Learning Company; All Rights Reserved on STN  
AN 2003:25417 DISSABS Order Number: AAI3063407  
TI Analysis of the roles of Drosophila netrin receptors frazzled and  
\*\*\*Unc5\*\*\* in axon guidance  
AU Ho, Theresa Wei-Yuan [Ph.D.]; Goodman, Corey S. [adviser]  
CS University of California, Berkeley (0028)  
SO Dissertation Abstracts International, (2002) Vol. 63, No. 9B, p. 4069.  
Order No.: AAI3063407. 160 pages.  
ISBN: 0-493-82268-2.  
DT Dissertation  
FS DAI  
LA English

L2 ANSWER 93 OF 313 DISSABS COPYRIGHT (C) 2005 ProQuest Information and  
Learning Company; All Rights Reserved on STN  
AN 2003:47030 DISSABS Order Number: AAINQ75913  
TI Régénération des cellules ganglionnaires de la rétine chez l'adulte:  
Inhibition de la croissance axonale et vaccin pro-régénératif (French  
text)  
AU Ellezam-St-Denis, Benjamin [Ph.D.]; McKerracher, Lisa [advisor]  
CS Université de Montréal (Canada) (0992)  
SO Dissertation Abstracts International, (2002) Vol. 64, No. 1B, p. 151.  
Order No.: AAINQ75913. 274 pages.  
ISBN: 0-612-75913-X.  
DT Dissertation  
FS DAI  
LA French  
ED Entered STN: 20031013  
Last Updated on STN: 20031013

L2 ANSWER 94 OF 313 DISSABS COPYRIGHT (C) 2005 ProQuest Information and  
Learning Company; All Rights Reserved on STN  
AN 2003:15097 DISSABS Order Number: AAIMQ68785



spectrometry  
AU Binns, Kathleen Leslie [M.Sc.]; Pawson, Anthony J. [adviser]  
CS University of Toronto (Canada) (0779)  
SO Masters Abstracts International, (2002) Vol. 41, No. 1, p. 144. Order No.:  
AAIMQ68785. 100 pages.  
ISBN: 0-612-68785-6.  
DT Dissertation  
FS MAI  
LA English

L2 ANSWER 95 OF 313 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN  
DUPLICATE 29  
AN 2003-01840 BIOTECHDS  
TI Novel isolated polypeptide, designated NOVX, useful for treating or  
preventing in NOVX-associated disorders e.g. cardiomyopathy,  
atherosclerosis, diabetes, cancer, allergy, asthma, Crohn's disease;  
vector-mediated recombinant protein-NOVX gene transfer and expression  
in host cell for disease diagnosis, prognosis, gene therapy and  
functional proteomics  
AU EDINGER S; MACDOUGALL J R; MILLET I; ELLERMAN K; STONE D J; GERLACH V;  
GROSSE W M; ALSOBROOK J P; LEPLEY D M; RIEGER D; BURGESS C E; CASMAN S J;  
SPYTEK K A; BOLDOG F L; LI L; PADIGARU M; MISHRA V; PATTURAJAN M; SHENOY  
S; RASTELLI L; TCHERNEV V T; VERNET C A M; ZERHUSEN B D; MALYANKAR U M;  
GUO X; MILLER C E; GANGOLLI E A  
PA CURAGEN CORP  
PI WO 2002057450 25 Jul 2002  
AI WO 2001-US48922 29 Nov 2001  
PRAI US 2001-327456 28 Nov 2001; US 2000-253834 29 Nov 2000  
DT Patent  
LA English  
OS WPI: 2002-590741 [63]

L2 ANSWER 96 OF 313 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN  
DUPLICATE 30  
AN 2003-00801 BIOTECHDS  
TI Novel polypeptides and nucleic acids homologous to transmembrane  
receptor, thymosin, neuromodulin-like family of proteins for diagnosing,  
treating cancer, atherosclerosis, neurological, skin and autoimmune  
disorders;  
recombinant protein production and sense and antisense sequence use in  
disease therapy and gene therapy  
AU KEKUDA R; ALSOBROOK J P; TCHERNEV V T; LIU X; SPYTEK K A; PATTURAJAN M;  
GROSSE W M; LEPLEY D M; BURGESS C E; VERNET C A M; LI L; GORMAN L;  
EDINGER S; SCIORE P; ELLERMAN K; MALYANKAR U; ROTHENBERG M; STONE D;  
BOLDOG F; GUO X; SHENOY S; ANDERSON D; PADIGARU M; TAUPIER R J; MILLER C  
E; EISEN A  
PA CURAGEN CORP  
PI WO 2002053742 11 Jul 2002  
AI WO 2002-US375 7 Jan 2002  
PRAI US 2002-37417 4 Jan 2002; US 2001-260018 5 Jan 2001  
DT Patent  
LA English  
OS WPI: 2002-583619 [62]

L2 ANSWER 97 OF 313 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN  
DUPLICATE 31  
AN 2002-16545 BIOTECHDS  
TI Novel human netrin binding membrane receptor polypeptide and  
polynucleotides for identifying modulating agents useful in treating  
diseases e.g. Parkinson's disease, multiple sclerosis, stroke,  
Alzheimer's disease;  
vector-mediated recombinant protein gene transfer and expression in  
host cell for cancer and central nervous system disorder therapy  
AU KOEHLER R H  
PA BAYER AG  
PI WO 2002033080 25 Apr 2002  
AI WO 2000-EP11891 16 Oct 2000  
PRAI US 2000-240061 16 Oct 2000

LA English  
OS WPI: 2002-463314 [49]

L2 ANSWER 98 OF 313 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 32

AN 2002:794194 CAPLUS

DN 137:305803

TI Protein and cDNA of eighteen human proteins and their therapeutic uses  
IN Tang, Y. Tom; Zhou, Ping; Goodrich, Ryle; Asundi, Vinod; Ren, Feiyan; Xue, Aidong J.; Ma, Yunqing; Wang, Zhiwei; Zhao, Qing A.; Zhang, Jie; Wang, Jian-Rui; Drmanac, Radoje T.

PA USA

SO U.S. Pat. Appl. Publ., 71 pp., Cont.-in-part of U.S. Ser. No. 770,160.  
CODEN: USXXCO

DT Patent

LA English

FAN.CNT 110

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 2002150898	A1	20021017	US 2001-816828	20010322
	CA 2406121	AA	20011025	CA 2001-2406121	20010416
	WO 2001079254	A1	20011025	WO 2001-US8655	20010416
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 2001052926	A5	20011030	AU 2001-52926	20010416
	EP 1274716	A1	20031115	EP 2001-926385	20010416
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
PRAI	US 2000-552929	B2	20000418		
	US 2001-770160	A2	20010126		
	US 2000-668317	A	20000922		
	US 2000-695783	A	20001024		
	US 2000-728628	A	20001201		
	US 2001-783066	A	20010213		
	US 2001-816828	A	20010322		
	WO 2001-US8655	W	20010416		

L2 ANSWER 99 OF 313 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN

AN 2003-09257 BIOTECHDS

TI DNA preferentially expressed in human adult and fetal brain tissue useful for diagnosis, treatment and analysis of cancer and mental disorders; vector-mediated gene transfer and expression in host cell for recombinant protein production, vaccine and DNA chip construction

AU OHARA O; NAGASE T; NAKAJIMA D

PA KAZUSA DNA RES INST FOUND; PROTEIN EXPRESS CO LTD

PI WO 2002099103 12 Dec 2002

AI WO 2002-JP5134 27 May 2002

PRAI JP 2001-246915 16 Aug 2001; JP 2001-168370 4 Jun 2001

DT Patent

LA Japanese

OS WPI: 2003-140622 [13]

L2 ANSWER 100 OF 313 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2002:276161 CAPLUS

DN 136:305202

TI Protein and cDNA sequences of novel human NOV proteins and their use in diagnosis and disease treatment

IN Shimkets, Richard A.; Taupier, Raymond J., Jr.; Burgess, Catherine E.; Zerhusen, Bryan D.; Mezes, Peter S.; Rastelli, Luca; Malyankar, Uriel M.; Grosse, William M.; Alsobrook, John P., II; Lepley, Denise M.; Spytek, Kimberly Ann; Li, Li; Edinger, Shlomit; Gerlach, Valerie; Ellerman, Karen; Macdougall, John; Gunther, Erik; Millet, Isabelle; Stone, David; Smithson, Glennda; Szekeres, Edward S., Jr.

PA Curagen Corporation, USA

CODEN: PIXXD2

DT Patent  
LA English  
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002029058	A2	20020411	WO 2001-US31248	20011005
	WO 2002029058	A3	20030619		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2424199	AA	20020411	CA 2001-2424199	20011005
	AU 2001096649	A5	20020422	AU 2001-96649	20011005
	EP 1349930	A2	20031008	EP 2001-977537	20011005
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	JP 2004531203	T2	20041014	JP 2002-532628	20011005
PRAI	US 2000-238323P	P	20001005		
	US 2000-238325P	P	20001005		
	US 2000-238372P	P	20001006		
	US 2000-238373P	P	20001006		
	US 2000-238379P	P	20001006		
	US 2000-238382P	P	20001006		
	US 2000-238383P	P	20001006		
	US 2000-238384P	P	20001006		
	US 2000-238397P	P	20001006		
	US 2000-238400P	P	20001006		
	US 2000-238401P	P	20001006		
	US 2000-238402P	P	20001006		
	US 2001-275892P	P	20010314		
	US 2001-296860P	P	20010608		
	WO 2001-US31248	W	20011005		

L2 ANSWER 101 OF 313 USPATFULL on STN

AN 2002:78729 USPATFULL

TI Nucleic acids, proteins, and antibodies

IN Rosen, Craig A., Laytonsville, MD, UNITED STATES

Ruben, Steven M., Olney, MD, UNITED STATES

Barash, Steven C., Rockville, MD, UNITED STATES

PI US 2002042386 A1 20020411

AI US 2001-764870 A1 20010117 (9)

PRAI US 2000-179065P 20000131 (60)

US 2000-180628P 20000204 (60)

US 2000-214886P 20000628 (60)

US 2000-217487P 20000711 (60)

US 2000-225758P 20000814 (60)

US 2000-220963P 20000726 (60)

US 2000-217496P 20000711 (60)

US 2000-225447P 20000814 (60)

US 2000-218290P 20000714 (60)

US 2000-225757P 20000814 (60)

US 2000-226868P 20000822 (60)

US 2000-216647P 20000707 (60)

US 2000-225267P 20000814 (60)

US 2000-216880P 20000707 (60)

US 2000-225270P 20000814 (60)

US 2000-251869P 20001208 (60)

US 2000-235834P 20000927 (60)

US 2000-234274P 20000921 (60)

US 2000-234223P 20000921 (60)

US 2000-228924P 20000830 (60)

US	2000-236369P	20000929 (60)
US	2000-224519P	20000814 (60)
US	2000-220964P	20000726 (60)
US	2000-241809P	20001020 (60)
US	2000-249299P	20001117 (60)
US	2000-236327P	20000929 (60)
US	2000-241785P	20001020 (60)
US	2000-244617P	20001101 (60)
US	2000-225268P	20000814 (60)
US	2000-236368P	20000929 (60)
US	2000-251856P	20001208 (60)
US	2000-251868P	20001208 (60)
US	2000-229344P	20000901 (60)
US	2000-234997P	20000925 (60)
US	2000-229343P	20000901 (60)
US	2000-229345P	20000901 (60)
US	2000-229287P	20000901 (60)
US	2000-229513P	20000905 (60)
US	2000-231413P	20000908 (60)
US	2000-229509P	20000905 (60)
US	2000-236367P	20000929 (60)
US	2000-237039P	20001002 (60)
US	2000-237038P	20001002 (60)
US	2000-236370P	20000929 (60)
US	2000-236802P	20001002 (60)
US	2000-237037P	20001002 (60)
US	2000-237040P	20001002 (60)
US	2000-240960P	20001020 (60)
US	2000-239935P	20001013 (60)

DT Utility  
FS APPLICATION  
LN.CNT 23133

INCL INCLM: 514/044.000  
INCLS: 536/023.100; 435/325.000; 435/069.100; 435/006.000  
NCL NCLM: 514/044.000  
NCLS: 536/023.100; 435/325.000; 435/069.100; 435/006.000

IC [7]  
ICM: A61K048-00  
ICS: C12Q001-68; C07H021-04; C12P021-02; C12N005-06

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 102 OF 313 USPATFULL on STN

AN 2002:194704 USPATFULL

TI Screening assays for the interaction of semaphorins and neuropilins

IN Ginty, David D., Columbia, MD, United States

Kolodkin, Alex L., Baltimore, MD, United States

PA The Johns Hopkins University, Baltimore, MD, United States (U.S. corporation)

PI US 6428965 B1 20020806

AI US 1998-116473 19980716 (9)

PRAI US 1997-52762P 19970717 (60)

DT Utility

FS GRANTED

LN.CNT 1440

INCL INCLM: 435/007.100  
INCLS: 435/007.200; 435/007.210; 435/007.800; 435/021.000  
NCL NCLM: 435/007.100  
NCLS: 435/007.200; 435/007.210; 435/007.800; 435/021.000

IC [7]  
ICM: G01N033-53  
ICS: G01N033-537; G01N033-566; G01N033-567; C12Q001-42

EXF 435/7.1; 435/7.2; 435/7.21; 435/7.8; 435/21

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 103 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
STN DUPLICATE 33

AN 2002:430316 BIOSIS

DN PREV200200430316

and netrin-1.

AU Spassky, Nathalie; de Castro, Fernando; Le Bras, Barbara; Heydon, Katharina; Queraud-Lesaux, Francoise; Bloch-Gallego, Evelyne; Chedotal, Alain; Zalc, Bernard; Thomas, Jean-Leon [Reprint author]

CS Biologie des Interactions Neurons/Glie, Institut National de la Sante et de la Recherche Medicale U-495, Hopital de la Salpetriere, 47 Boulevard de l'Hopital, 75651, Paris Cedex 13, France  
jlthomas@ccr.jussieu.fr

SO Journal of Neuroscience, (July 15, 2002) Vol. 22, No. 14, pp. 5992-6004. print.  
CODEN: JNRSDS. ISSN: 0270-6474.

DT Article

LA English

ED Entered STN: 14 Aug 2002  
Last Updated on STN: 14 Aug 2002

L2 ANSWER 104 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN DUPLICATE 34

AN 2002:628755 BIOSIS

DN PREV200200628755

TI Modulation of Gialpha2 signaling by the axonal guidance molecule  
\*\*\*UNC5H2\*\*\*

AU Komatsuzaki, Katsumi; Dalvin, Sussie; Kinane, T. Bernard [Reprint author]

CS Department of Pediatrics, Pediatric Pulmonary Unit, Massachusetts General Hospital for Children, Harvard Medical School, 55 Fruit Street, Jackson 14-GRJ 1416, Boston, MA, 02114, USA, USA  
tkinane@partners.org

SO Biochemical and Biophysical Research Communications, (October 4 2002 2002) Vol. 297, No. 4, pp. 898-905. print.  
CODEN: BBRCA9. ISSN: 0006-291X.

DT Article

LA English

ED Entered STN: 12 Dec 2002  
Last Updated on STN: 12 Dec 2002

L2 ANSWER 105 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN DUPLICATE 35

AN 2003:87648 BIOSIS

DN PREV200300087648

TI Transcriptional profiling reveals regulated genes in the hippocampus during memory formation.

AU Donahue, Christine P.; Jensen, Roderick V.; Ochiishi, Tomoyo; Eisenstein, Ingrid; Zhao, Mingrui; Shors, Tracey; Kosik, Kenneth S. [Reprint Author]

CS Center for Neurologic Disease, Brigham and Women's Hospital, Harvard Institutes of Medicine, 77 Avenue Louis Pasteur, Boston, MA, 02115, USA  
kosik@cnd.bwh.harvard.edu

SO Hippocampus, (2002) Vol. 12, No. 6, pp. 821-833. print.  
ISSN: 1050-9631 (ISSN print).

DT Article

LA English

ED Entered STN: 6 Feb 2003  
Last Updated on STN: 6 Feb 2003

L2 ANSWER 106 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN DUPLICATE 36

AN 2002:628730 BIOSIS

DN PREV200200628730

TI Altered profile of gene expression in rat hearts induced by chronic nicotine consumption.

AU Hu, Dahai; Cao, Kun; Peterson-Wakeman, Robert; Wang, Rui [Reprint author]

CS Department of Physiology, College of Medicine, University of Saskatchewan, Saskatoon, SK, S7N 5E5, Canada, Canada  
wangrui@duke.usask.ca

SO Biochemical and Biophysical Research Communications, (October 4 2002 2002) Vol. 297, No. 4, pp. 729-736. print.  
CODEN: BBRCA9. ISSN: 0006-291X.

DT Article

LA English

- L2 ANSWER 107 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
STN DUPLICATE 37  
AN 2002:340488 BIOSIS  
DN PREV200200340488  
TI MAX-1, a novel PH/MyTH4/FERM domain cytoplasmic protein implicated in  
netrin-mediated axon repulsion.  
AU Huang, Xun [Reprint author]; Cheng, Hwai-Jong; Tessier-Lavigne, Marc; Jin,  
Yishi [Reprint author]  
CS Department of Molecular, Cellular, and Developmental Biology, University  
of California, Santa Cruz, CA, 95064, USA  
jin@biology.ucsc.edu  
SO Neuron, (May 16, 2002) Vol. 34, No. 4, pp. 563-576. print.  
ISSN: 0896-6273.  
DT Article  
LA English  
ED Entered STN: 12 Jun 2002  
Last Updated on STN: 12 Jun 2002
- L2 ANSWER 108 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
STN DUPLICATE 38  
AN 2003:13649 BIOSIS  
DN PREV200300013649  
TI Cloning of three mouse \*\*\*Unc5\*\*\* genes and their expression patterns  
at mid-gestation.  
AU Engelkamp, Dieter [Reprint Author]  
CS Max Planck Institute for Brain Research, Deutschordenstrasse 46, 60528,  
Frankfurt, Germany  
engelkamp@mpih-frankfurt.mpg.de  
SO Mechanisms of Development, (October 2002) Vol. 118, No. 1-2, pp. 191-197.  
print.  
CODEN: MEDVE6. ISSN: 0925-4773.  
DT Article  
LA English  
ED Entered STN: 25 Dec 2002  
Last Updated on STN: 25 Dec 2002
- L2 ANSWER 109 OF 313 Elsevier BIOBASE COPYRIGHT 2005 Elsevier Science B.V.  
on STN DUPLICATE  
AN 2002166492 ESBIIOBASE  
TI Isthmin is a novel secreted protein expressed as part of the Fgf-8  
synexpression group in the Xenopus midbrain-hindbrain organizer  
AU Pera E.M.; Kim J.I.; Martinez S.L.; Brechner M.; Li S.-Y.; Wessely O.; De  
Robertis E.M.  
CS E.M. De Robertis, Howard Hughes Medical Institute, Department of  
Biological Chemistry, University of California, Los Angeles, CA  
90095-1662, United States.  
E-mail: derobert@hhmi.ucla.edu  
SO Mechanisms of Development, (2002), 116/1-2 (169-172), 17 reference(s)  
CODEN: MEDVE6 ISSN: 0925-4773  
PUI S0925477302001235  
DT Journal; Article  
CY Ireland  
LA English  
SL English
- L2 ANSWER 110 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
STN  
AN 2003:326122 BIOSIS  
DN PREV200300326122  
TI THE DIFFERENTIAL EXPRESSION OF NETRIN1 - NEOGENIN/ \*\*\*UNC5\*\*\* SIGNALS  
AFFECTS THE AXON FASCICULATIONS OF DIFFERENT SUBTYPES OF DRG NEURONS.  
AU Guan, W. [Reprint Author]; Condic, M. L. [Reprint Author]  
CS Neurosci Prg, Univ of Utah, Salt Lake City, UT, USA  
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002)  
Vol. 2002, pp. Abstract No. 729.13. <http://sfn.scholarone.com>. cd-rom.  
Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience.

DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 LA English  
 ED Entered STN: 16 Jul 2003  
 Last Updated on STN: 16 Jul 2003

L2 ANSWER 111 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
 AN 2003:269569 BIOSIS  
 DN PREV200300269569  
 TI NETRIN - 1 IS A CHEMOREPELLENT FOR OLIGODENDROCYTE PRECURSOR CELLS.  
 AU Jarjour, A. A. [Reprint Author]; Manitt, C. [Reprint Author]; Moore, S. W. [Reprint Author]; Thompson, K. M. [Reprint Author]; Yuh, S. [Reprint Author]; Kennedy, T. E. [Reprint Author]  
 CS Centre for Neuronal Survival, Montreal Neurological Institute, McGill University, Montreal, PQ, Canada  
 SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 128.15. <http://sfn.scholarone.com>. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.  
 DT Conference; (Meeting)  
 Conference; (Meeting Poster)  
 Conference; Abstract; (Meeting Abstract)  
 LA English  
 ED Entered STN: 11 Jun 2003  
 Last Updated on STN: 11 Jun 2003

L2 ANSWER 112 OF 313 USPATFULL on STN  
 AN 2001:136390 USPATFULL  
 TI Netrin receptors  
 IN Tessier-Lavigne, Mark, San Francisco, CA, United States  
 Leonardo, E. David, San Francisco, CA, United States  
 Hinck, Lindsay, San Francisco, CA, United States  
 Masu, Masayuki, San Francisco, CA, United States  
 Keino-Masu, Kazuko, San Francisco, CA, United States  
 PA The Regents of the University of California, Oakland, CA, United States (U.S. corporation)  
 PI US 6277585 B1 20010821  
 AI US 1999-306902 19990507 (9)  
 RLI Division of Ser. No. US 1997-808982, filed on 19 Feb 1997, now patented, Pat. No. US 5939271  
 DT Utility  
 FS GRANTED  
 LN.CNT 683  
 INCL INCLM: 435/007.100  
 INCLS: 530/350.000  
 NCL NCLM: 435/007.100  
 NCLS: 530/350.000  
 IC [7]  
 ICM: G01N033-53  
 ICS: C07K014-435  
 EXF 530/350; 435/69.1; 435/320.1; 435/325; 435/7.1; 514/12  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 113 OF 313 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2001:846304 CAPLUS  
 DN 136:67377  
 TI Netrin stimulates tyrosine phosphorylation of the UNC-5 family of netrin receptors and induces Shp2 binding to the RCM cytodomain  
 AU Tong, Jiefei; Killeen, Marie; Steven, Robert; Binns, Kathleen L.; Culotti, Joseph; Pawson, Tony  
 CS Program in Molecular Biology and Cancer, Samuel Lunenfeld Research Institute, Mount Sinai Hospital, Toronto, ON, M5G 1X5, Can.  
 SO Journal of Biological Chemistry (2001), 276(44), 40917-40925  
 CODEN: JBCHA3; ISSN: 0021-9258  
 PB American Society for Biochemistry and Molecular Biology  
 DT Journal  
 LA English

- L2 ANSWER 114 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
STN DUPLICATE 40  
AN 2001:520909 BIOSIS  
DN PREV200100520909  
TI Guidance of glial precursor cell migration by secreted cues in the  
developing optic nerve.  
AU Sugimoto, Yoshihiko; Taniguchi, Masahiko; Yagi, Takeshi; Akagi, Yoshio;  
Nojyo, Yoshiaki; Tamamaki, Nobuaki [Reprint author]  
CS Department of Morphological Brain Science, Graduate School of Medicine,  
Kyoto University, Kyoto, 606-8501, Japan  
tamamaki@mbs.med.kyoto-u.ac.jp  
SO Development (Cambridge), (September, 2001) Vol. 128, No. 17, pp.  
3321-3330. print.  
CODEN: DEVPED. ISSN: 0950-1991.  
DT Article  
LA English  
ED Entered STN: 7 Nov 2001  
Last Updated on STN: 23 Feb 2002
- L2 ANSWER 115 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
STN DUPLICATE 41  
AN 2001:335509 BIOSIS  
DN PREV200100335509  
TI Netrin-1 acts as a survival factor via its receptors \*\*\*UNC5H\*\*\* and  
DCC.  
AU Llambi, Fabien; Causeret, Frederic; Bloch-Gallego, Evelyne; Mehlen,  
Patrick [Reprint author]  
CS Apoptosis/Differentiation Laboratory-label 'La Ligue', Molecular and  
Cellular Genetic Center, CNRS UMR 5534, University of Lyon, 69622,  
Villeurbanne, France  
mehlen@univ-lyon1.fr  
SO EMBO (European Molecular Biology Organization) Journal, (June 1, 2001)  
Vol. 20, No. 11, pp. 2715-2722. print.  
CODEN: EMJODG. ISSN: 0261-4189.  
DT Article  
LA English  
ED Entered STN: 18 Jul 2001  
Last Updated on STN: 19 Feb 2002
- L2 ANSWER 116 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
STN  
AN 2001:574324 BIOSIS  
DN PREV200100574324  
TI Expression and function of netrin-1 and netrin receptors by neurons and  
glia in the post-natal and adult mammalian spinal cord.  
AU Manitt, C. [Reprint author]; Thompson, K. M. [Reprint author]; Peterson,  
A. C.; Kennedy, T. E. [Reprint author]  
CS Centre for Neuronal Survival, Montreal Neurological Institute, Montreal,  
PQ, Canada  
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 2, pp. 2032.  
print.  
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San  
Diego, California, USA. November 10-15, 2001.  
ISSN: 0190-5295.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
LA English  
ED Entered STN: 12 Dec 2001  
Last Updated on STN: 25 Feb 2002
- L2 ANSWER 117 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
STN DUPLICATE 42  
AN 2001:426960 BIOSIS  
DN PREV200100426960  
TI The dependence receptor family, Dr. Jekyll and Mr. Hyde.  
Original Title: La notion de dependence receptor, Dr Jekyll and M. Hyde.



Marie-Claire; Forcet, Christelle; Lalambi, Fabien  
 CS Centre de Genetique Molecularie et Cellulaire, Cnrs UMR 5534,, Universite  
 Lyon1, 43 boulevard du 11-Novembre 1918, 69100, Villeurbanne, France  
 SO M-S (Medecine Sciences), (Juin-Juillet, 2001) Vol. 17, No. 6-7, pp.  
 744-752. print.  
 ISSN: 0767-0974.  
 DT Article  
 LA French  
 ED Entered STN: 12 Sep 2001  
 Last Updated on STN: 22 Feb 2002

L2 ANSWER 118 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
 STN DUPLICATE 43  
 AN 2002:26346 BIOSIS  
 DN PREV200200026346  
 TI Short- and long-range repulsion by the Drosophila \*\*\*Unc5\*\*\* Netrin  
 receptor.  
 AU Keleman, Krystyna; Dickson, Barry J. [Reprint author]  
 CS Research Institute of Molecular Pathology, Dr. Bohr-Gasse 7, A-1030,  
 Vienna, Austria  
 dickson@nt.imp.univie.ac.at  
 SO Neuron, (November 20, 2001) Vol. 32, No. 4, pp. 605-617. print.  
 ISSN: 0896-6273.  
 DT Article  
 LA English  
 ED Entered STN: 26 Dec 2001  
 Last Updated on STN: 25 Feb 2002

L2 ANSWER 119 OF 313 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 44  
 AN 2001:625029 CAPLUS  
 DN 137:228104  
 TI Guidance molecular of axon and its receptor  
 AU Zhang, Yong; Chen, Chun; Xu, Jinlin; Gu, Jianxin  
 CS Department of Biological Science and Technology, Shanghai Jiao Tong  
 University, Shanghai, 200240, Peop. Rep. China  
 SO Shengwu Huaxue Yu Shengwu Wuli Jinzhan (2001), 28(3), 318-321  
 CODEN: SHYCD4; ISSN: 1000-3282  
 PB Shengwu Huaxue Yu Shengwu Wuli Jinzhan Bianjibu  
 DT Journal; General Review  
 LA Chinese

L2 ANSWER 120 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
 STN DUPLICATE 45  
 AN 2001:434429 BIOSIS  
 DN PREV200100434429  
 TI Expression patterns of the netrin receptor \*\*\*UNC5H1\*\*\* among  
 developing motor neurons in the embryonic rat hindbrain.  
 AU Barrett, Camilla; Guthrie, Sarah [Reprint author]  
 CS MRC Centre for Developmental Neurobiology, King's College, 4th Floor New  
 Hunt's House, Guy's Campus, London, SE1 1UL, UK  
 sarah.guthrie@kcl.ac.uk  
 SO Mechanisms of Development, (August, 2001) Vol. 106, No. 1-2, pp. 163-166.  
 print.  
 CODEN: MEDVE6. ISSN: 0925-4773.  
 DT Article  
 LA English  
 ED Entered STN: 12 Sep 2001  
 Last Updated on STN: 22 Feb 2002

L2 ANSWER 121 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
 STN DUPLICATE 46  
 AN 2001:532553 BIOSIS  
 DN PREV200100532553  
 TI Expression of netrin-1 and its receptors DCC and UNC-5H2 after axotomy and  
 during regeneration of adult rat retinal ganglion cells.  
 AU Ellezam, Benjamin [Reprint author]; Selles-Navarro, Inmaculada [Reprint  
 author]; Manitt, Colleen; Kennedy, Timothy E.; McKerracher, Lisa [Reprint  
 author]

Montreal, Quebec, H3C 3J7, Canada  
 SO Experimental Neurology, (March, 2001) Vol. 168, No. 1, pp. 105-115. print.  
 CODEN: EXNEAC. ISSN: 0014-4886.  
 DT Article  
 LA English  
 ED Entered STN: 14 Nov 2001  
 Last Updated on STN: 23 Feb 2002

L2 ANSWER 122 OF 313 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2000:861701 CAPLUS  
 DN 134:26777  
 TI UNC-5 constructs and screening methods for protein-protein interactions  
 IN Van Crielinge, Wim; Roelens, Ingele; Bogaert, Thierry; Verwaerde, Phillipe  
 PA Devgen NV, Belg.  
 SO PCT Int. Appl., 246 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000073328	A2	20001207	WO 2000-EP5108	20000602
	WO 2000073328	A3	20010412		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	GB 2352448	A1	20010131	GB 2000-13412	20000601
	GB 2352448	B2	20020327		
PRAI	GB 1999-12755	A	19990601		

L2 ANSWER 123 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
 DUPLICATE 47  
 AN 2000:369323 BIOSIS  
 DN PREV200000369323  
 TI Netrin-1 promotes thalamic axon growth and is required for proper development of the thalamocortical projection.  
 AU Braisted, Janet E.; Catalano, Susan M.; Stimac, Robert; Kennedy, Timothy E.; Tessier-Lavigne, Marc; Shatz, Carla J.; O'Leary, Dennis D. M. [Reprint author]  
 CS MNL-O, Salk Institute, 10010 North Torrey Pines Road, La Jolla, CA, 92037, USA  
 SO Journal of Neuroscience, (August 1, 2000) Vol. 20, No. 15, pp. 5792-5801. print.  
 CODEN: JNRSDS. ISSN: 0270-6474.  
 DT Article  
 LA English  
 ED Entered STN: 30 Aug 2000  
 Last Updated on STN: 8 Jan 2002

L2 ANSWER 124 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
 DUPLICATE 48  
 AN 2000:541487 BIOSIS  
 DN PREV200000541487  
 TI Lesion-induced regulation of netrin receptors and modification of netrin-1 expression in the retina of fish and grafted rats.  
 AU Petrausch, Barbara; Jung, Marion; Leppert, Christian A.; Stuermer, Claudia A. O. [Reprint author]  
 CS Department of Biology, University of Konstanz, 78457, Constance: claudia.stuermer@uni-konstanz.de, Germany  
 SO Molecular and Cellular Neuroscience, (October, 2000) Vol. 16, No. 4, pp. 350-364. print.  
 CODEN: MOCNED. ISSN: 1044-7431.

LA English  
 ED Entered STN: 13 Dec 2000  
 Last Updated on STN: 11 Jan 2002

L2 ANSWER 125 OF 313 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation  
 on STN  
 AN 2000:433785 SCISEARCH  
 GA The Genuine Article (R) Number: 320NK  
 TI The thrombospondin type 1 repeat (TSR) superfamily: Diverse proteins with  
 related roles in neuronal development  
 AU Adams J C; Tucker R P (Reprint)  
 CS UNIV CALIF DAVIS, DEPT CELL BIOL & HUMAN ANAT, 1 SHIELDS AVE, DAVIS, CA  
 95616 (Reprint); UNIV CALIF DAVIS, DEPT CELL BIOL & HUMAN ANAT, DAVIS, CA  
 95616; UNIV COLL LONDON, MRC, MOL CELL BIOL LAB, LONDON, ENGLAND; UNIV  
 COLL LONDON, DEPT BIOCHEM & MOL BIOL, LONDON, ENGLAND  
 CYA USA; ENGLAND  
 SO DEVELOPMENTAL DYNAMICS, (JUN 2000) Vol. 218, No. 2, pp. 280-299.  
 Publisher: WILEY-LISS, DIV JOHN WILEY & SONS INC, 605 THIRD AVE, NEW YORK,  
 NY 10158-0012.  
 ISSN: 1058-8388.  
 DT General Review; Journal  
 FS LIFE  
 LA English  
 REC Reference Count: 180  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L2 ANSWER 126 OF 313 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS  
 RESERVED. on STN DUPLICATE 49  
 AN 2000182462 EMBASE  
 TI The retinal axon's pathfinding to the optic disk.  
 AU Stuermer C.A.O.; Bastmeyer M.  
 CS C.A.O. Stuermer, Department of Biology, Developmental Neurobiology,  
 University of Konstanz, 78457 Konstanz, Germany. claudia.stuermer@uni-  
 konstanz.de  
 SO Progress in Neurobiology, (1 Oct 2000) 62/2 (197-214).  
 Refs: 129  
 ISSN: 0301-0082 CODEN: PGNBA5  
 PUI S 0301-0082(00)00012-5  
 CY United Kingdom  
 DT Journal; General Review  
 FS 001 Anatomy, Anthropology, Embryology and Histology  
 012 Ophthalmology  
 002 Physiology  
 029 Clinical Biochemistry  
 008 Neurology and Neurosurgery  
 LA English  
 SL English

L2 ANSWER 127 OF 313 USPATFULL on STN  
 AN 1999:96222 USPATFULL  
 TI Netrin receptor  
 IN Tessier-Lavigne, Mark, San Francisco, CA, United States  
 Leonardo, E. David, San Francisco, CA, United States  
 Hinck, Lindsay, San Francisco, CA, United States  
 Masu, Masayuki, San Francisco, CA, United States  
 Keino-Masu, Kazuko, San Francisco, CA, United States  
 PA The Regents of the University of California, Oakland, CA, United States  
 (U.S. corporation)  
 PI US 5939271 19990817  
 AI US 1997-808982 19970219 (8)  
 DT Utility  
 FS Granted  
 LN.CNT 1137  
 INCL INCLM: 435/007.100  
 INCLS: 435/069.100; 435/320.100; 435/325.000; 536/023.500  
 NCL NCLM: 435/007.100  
 NCLS: 435/069.100; 435/320.100; 435/325.000; 536/023.500  
 IC [6]

ICS: C12N015-12  
EXF 536/23.1; 536/23.5; 435/69.1; 435/320.1; 435/325; 435/7.1; 435/7.2;  
435/7.21  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 128 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
STN DUPLICATE 50

AN 1999:335299 BIOSIS

DN PREV199900335299

TI Netrin-3, a mouse homolog of human NTN2L, is highly expressed in sensory ganglia and shows differential binding to netrin receptors.

AU Wang, Hao; Copeland, Neal G.; Gilbert, Debra J.; Jenkins, Nancy A.; Tessier-Lavigne, Marc [Reprint author]

CS Department of Anatomy, University of California, 513 Parnassus Avenue, Room S-1479, San Francisco, CA, 94143-0452, USA

SO Journal of Neuroscience, (June 15, 1999) Vol. 19, No. 12, pp. 4938-4947. print.

CODEN: JNRSDS. ISSN: 0270-6474.

DT Article

LA English

ED Entered STN: 24 Aug 1999

Last Updated on STN: 24 Aug 1999

L2 ANSWER 129 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
STN DUPLICATE 51

AN 1999:317954 BIOSIS

DN PREV199900317954

TI Floor plate and netrin-1 are involved in the migration and survival of inferior olivary neurons.

AU Bloch-Gallego, Evelyne [Reprint author]; Ezan, Frederic; Tessier-Lavigne, Marc; Sotelo, Constantino

CS Institut National de la Sante et de la Recherche Medicale U106, Hopital de la Salpetriere, 75013, Paris, France

SO Journal of Neuroscience, (June 1, 1999) Vol. 19, No. 11, pp. 4407-4420. print.

CODEN: JNRSDS. ISSN: 0270-6474.

DT Article

LA English

ED Entered STN: 17 Aug 1999

Last Updated on STN: 17 Aug 1999

L2 ANSWER 130 OF 313 AQUASCI COPYRIGHT 2005 FAO (On behalf of the ASFA  
Advisory Board). All rights reserved. on STN DUPLICATE 52

AN 2000:8241 AQUASCI

DN ASFA1 2000

TI A Ligand-Gated Association between Cytoplasmic Domains of \*\*\*UNC5\*\*\* and DCC Family Receptors Converts Netrin-Induced Growth Cone Attraction to Repulsion

AU Hong, Kyonsoo; Hinck, L.; Nishiyama, Makoto; Poo, Mu-ming; Tessier-Lavigne, M.; Stein, E.

CS Departments of Anatomy and Biochemistry and Biophysics, Howard Hughes Medical Institute, University of California, San Francisco, CA 94143-0452, USA; E-mail: marctl@itsa.ucsf.edu

SO Cell, (19990625) vol. 97, no. 7, pp. 927-941.

ISSN: 0092-8674.

DT Journal

FS ASFA1

LA English

SL English

L2 ANSWER 131 OF 313 LIFESCI COPYRIGHT 2005 CSA on STN

AN 2000:41654 LIFESCI

TI Semaphorin Signaling: A Little Less Per-Plexin

AU Yu, Hung-Hsiang; Kolodkin, A.L.\*

CS Department of Neuroscience, Johns Hopkins University, School of Medicine, Baltimore, Maryland 21205, USA; E-mail: Kolodkin@jhmi.edu

SO Neuron, (19990100) vol. 22, no. 1, pp. 11-14.

ISSN: 0896-6273.

TC General Review  
FS N3  
LA English

L2 ANSWER 132 OF 313 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1999:732385 CAPLUS  
DN 131:334951

TI Netrin-3, a mouse homolog of human NTN2L, is highly expressed in sensory ganglia and show differential binding to netrin receptors. [Erratum to document cited in CA131:168116]

AU Wang, Hao; Copeland, Neal G.; Gilbert, Debra J.; Jenkins, Nancy A.; Tessier-Lavigne, Marc

CS Departments Anatomy, Biochem. and Biophysics, Howard Hughes Medical Institute, Univ. California, San Francisco, CA, 94143-0452, USA

SO Journal of Neuroscience (1999), 19(19), No pp. Given  
CODEN: JNRSDS; ISSN: 0270-6474

PB Society for Neuroscience

DT Journal

LA English

L2 ANSWER 133 OF 313 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1998:604920 CAPLUS

DN 129:198904

TI Cloning and cDNA sequences of vertebrate netrin receptors

IN Tessier-Lavigne, Marc; Leonardo, E. David; Hinck, Lindsay; Masu, Masayuki; Keino-Masu, Kazuko

PA The Regents of the University of California, USA

SO PCT Int. Appl., 32 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 9837085	A1	19980827	WO 1998-US3143	19980219
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	US 5939271	A	19990817	US 1997-808982	19970219
	AU 9861744	A1	19980909	AU 1998-61744	19980219
	AU 718795	B2	20000420		
	EP 973794	A1	20000126	EP 1998-906547	19980219
	EP 973794	B1	20021016		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 2001505062	T2	20010417	JP 1998-536840	19980219
	AT 226216	E	20021115	AT 1998-906547	19980219
	PT 973794	T	20030331	PT 1998-906547	19980219
	ES 2185146	T3	20030416	ES 1998-906547	19980219
	CA 2280290	C	20031007	CA 1998-2280290	19980219
	CA 2280290	AA	19980827		
	US 6277585	B1	20010821	US 1999-306902	19990507
	US 2003040046	A1	20030227	US 2001-933261	20010820
	US 2003059859	A1	20030327	US 2002-256702	20020927
	JP 2004121244	A2	20040422	JP 2003-319186	20030911
PRAI	US 1997-808982	A	19970219		
	JP 1998-536840	A3	19980219		
	WO 1998-US3143	W	19980219		
	US 1999-306902	A3	19990507		
	US 2001-933261	A1	20010820		

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

STN  
 AN 1998:496155 BIOSIS  
 DN PREV199800496155  
 TI Cloning and mapping of the UNC5C gene to human chromosome 4q21-q23.  
 AU Ackerman, Susan L. [Reprint author]; Knowles, Barbara B.  
 CS Jackson Lab., Bar Harbor, ME 04609, USA  
 SO Genomics, (Sept. 1, 1998) Vol. 52, No. 2, pp. 205-208. print.  
 CODEN: GNMCEP. ISSN: 0888-7543.  
 DT Article  
 LA English  
 OS Genbank-AF055634; EMBL-AF055634  
 ED Entered STN: 18 Nov 1998  
 Last Updated on STN: 18 Nov 1998

L2 ANSWER 135 OF 313 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1998:146498 CAPLUS  
 DN 128:268513  
 TI Suppressors of ectopic UNC-5 growth cone steering identify eight genes involved in axon guidance in *Caenorhabditis elegans*  
 AU Colavita, Antonio; Culotti, Joseph G.  
 CS Samuel Lunenfeld Research Institute, Mt. Sinai Hospital, Toronto, ON, M5G 1X5, Can.  
 SO Developmental Biology (1998), 194(1), 72-85  
 CODEN: DEBIAO; ISSN: 0012-1606  
 PB Academic Press  
 DT Journal  
 LA English  
 RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 136 OF 313 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 54  
 AN 1997:285166 CAPLUS  
 DN 127:3728  
 TI The mouse rostral cerebellar malformation gene encodes an UNC-5-like protein  
 AU Ackerman, Susan L.; Kozak, Leslie P.; Przyborski, Stefan A.; Rund, Laurie A.; Boyer, Bert B.; Knowles, Barbara B.  
 CS Jackson Lab., Bar Harbor, ME, 04609, USA  
 SO Nature (London) (1997), 386(6627), 838-842  
 CODEN: NATUAS; ISSN: 0028-0836  
 PB Macmillan Magazines  
 DT Journal  
 LA English  
 RE.CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 137 OF 313 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1998:97850 CAPLUS  
 DN 128:214515  
 TI Molecular characterization of netrin receptors  
 AU Masu, Masayuki; Keino-Masu, Kazuko; Leonardo, E. David; Hinck, Lindsay; Fazeli, Amin; Stoeckli, Esther T.; Weinberg, Robert A.; Tessier-Lavigne, Marc  
 CS Howard Hughes Medical Institute, Department of Anatomy, Programs in Cell and Developmental Biology and Neuroscience, University of California, San Francisco, CA, 94143, USA  
 SO Taniguchi Symposia on Brain Sciences (1997), 20(Molecular Basis of Axon Growth and Nerve Pattern Formation), 175-186  
 CODEN: TSBSEQ  
 PB Japan Scientific Societies Press  
 DT Journal; General Review  
 LA English  
 RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 138 OF 313 USPATFULL on STN  
 AN 96:33911 USPATFULL  
 TI Process for preparing foodstuffs based on reformed and cured herring roe

PA Keeping and MacKay Limited (K. & M.), Canada (non-U.S. corporation)  
PI US 5510133 19960423  
AI US 1994-344678 19941121 (8)  
DT Utility  
FS Granted  
LN.CNT 742  
INCL INCLM: 426/272.000  
INCLS: 426/092.000; 426/274.000; 426/643.000  
NCL NCLM: 426/272.000  
NCLS: 426/092.000; 426/274.000; 426/643.000  
IC [6]  
ICM: A23L001-328  
EXF 426/643; 426/274; 426/513; 426/272; 426/418; 426/92

L2 ANSWER 139 OF 313 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
STN  
AN 1996:553058 BIOSIS  
DN PREV199699275414  
TI Vertebrate homologs of C. elegans UNC-5 are candidate netrin receptors.  
AU Hinck, L.; Leonardo, E. D.; Masu, M.; Keino-Masu, K.; Serafini, T.;  
Tessier-Lavigne, M.  
CS Howard Hughes Medical Inst., Dep. Anat., Univ. Calif., San Francisco,  
94143, USA  
SO Society for Neuroscience Abstracts, (1996) Vol. 22, No. 1-3, pp. 1470.  
Meeting Info.: 26th Annual Meeting of the Society for Neuroscience.  
Washington, D.C., USA. November 16-21, 1996.  
ISSN: 0190-5295.  
DT Conference; (Meeting)  
Conference; (Meeting Poster)  
LA English  
ED Entered STN: 13 Dec 1996  
Last Updated on STN: 13 Dec 1996

L2 ANSWER 140 OF 313 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1993:513957 CAPLUS  
DN 119:113957  
TI Expression of the UNC-5 guidance receptor in the touch neurons of C.  
elegans steers their axons dorsally  
AU Hamelin, Michel; Zhou, Youwen; Su, Ming Wan; Scott, Ian M.; Culotti,  
Joseph G.  
CS Samuel Lunenfeld Res. Inst., Mount Sinai Hosp., Toronto, ON, M5G 1X5, Can.  
SO Nature (London, United Kingdom) (1993), 364(6435), 327-30  
CODEN: NATUAS; ISSN: 0028-0836  
DT Journal  
LA English

L2 ANSWER 141 OF 313 PASCAL COPYRIGHT 2005 INIST-CNRS. ALL RIGHTS  
RESERVED. on STN  
AN 1993-0056619 PASCAL  
TIEN UNC-5, a transmembrane protein with immunoglobulin and thrombospondin  
type 1 domains, guides cell and pioneer axon migrations in C. elegans  
AU LEUNG-HAGESTEIJN C.; SPENCE A. M.; STERN B. D.; YOUWEN ZHOU; MING-WAN SU;  
HEDGEcock E. M.; CULOTTI J. G.  
CS Mount Sinai hosp., Samuel Lunenfeld res. inst., div. molecular immunology  
neurobiology, Toronto ON M5G 1X5, Canada  
SO Cell : (Cambridge), (1992), 71(2), 289-299, refs. 1 p. 3/4  
ISSN: 0092-8674 CODEN: CELLB5  
DT Journal  
BL Analytic  
CY United States  
LA English  
AV INIST-16529, 354000030771050130

L2 ANSWER 142 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN ADU04630 protein DGENE  
TI Detecting neoplasia in lung cells comprises detecting the level of  
expression of at least one gene selected from EGFR-RS, RYK, TNFRS25,  
TRPM7, \*\*\*UNC5H2\*\*\*, KCP3 and KIAA 1883.

PA (GENZ) GENZYME CORP.  
PI WO 2004091511 A2 20041028 80p  
AI WO 2004-US11193 20040412  
PRAI US 2003-462028P 20030410  
DT Patent  
LA English  
OS 2004-766692 [75]  
CR N-PSDB: ADU04629  
DESC Human KCP3 polypeptide.

L2 ANSWER 143 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN ADU04632 protein DGENE  
TI Detecting neoplasia in lung cells comprises detecting the level of  
expression of at least one gene selected from EGFR-RS, RYK, TNFRS25,  
TRPM7, \*\*\*UNC5H2\*\*\* , KCP3 and KIAA 1883.

IN Roberts B L  
PA (GENZ) GENZYME CORP.  
PI WO 2004091511 A2 20041028 80p  
AI WO 2004-US11193 20040412  
PRAI US 2003-462028P 20030410  
DT Patent  
LA English  
OS 2004-766692 [75]  
CR N-PSDB: ADU04631  
DESC Human KIAA 1883 polypeptide.

L2 ANSWER 144 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN ADU04628 protein DGENE  
TI Detecting neoplasia in lung cells comprises detecting the level of  
expression of at least one gene selected from EGFR-RS, RYK, TNFRS25,  
TRPM7, \*\*\*UNC5H2\*\*\* , KCP3 and KIAA 1883.

IN Roberts B L  
PA (GENZ) GENZYME CORP.  
PI WO 2004091511 A2 20041028 80p  
AI WO 2004-US11193 20040412  
PRAI US 2003-462028P 20030410  
DT Patent  
LA English  
OS 2004-766692 [75]  
CR N-PSDB: ADU04627  
DESC Transmembrane receptor \*\*\*UNC5H2\*\*\* polypeptide.

L2 ANSWER 145 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN ADU04620 protein DGENE  
TI Detecting neoplasia in lung cells comprises detecting the level of  
expression of at least one gene selected from EGFR-RS, RYK, TNFRS25,  
TRPM7, \*\*\*UNC5H2\*\*\* , KCP3 and KIAA 1883.

IN Roberts B L  
PA (GENZ) GENZYME CORP.  
PI WO 2004091511 A2 20041028 80p  
AI WO 2004-US11193 20040412  
PRAI US 2003-462028P 20030410  
DT Patent  
LA English  
OS 2004-766692 [75]  
CR N-PSDB: ADU04619  
DESC Epidermal growth factor receptor-related sequence.

L2 ANSWER 146 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN ADU04624 protein DGENE  
TI Detecting neoplasia in lung cells comprises detecting the level of  
expression of at least one gene selected from EGFR-RS, RYK, TNFRS25,  
TRPM7, \*\*\*UNC5H2\*\*\* , KCP3 and KIAA 1883.

IN Roberts B L  
PA (GENZ) GENZYME CORP.  
PI WO 2004091511 A2 20041028 80p  
AI WO 2004-US11193 20040412  
PRAI US 2003-462028P 20030410



LA English  
OS 2004-766692 [75]  
CR N-PSDB: ADU04623  
DESC Tumour necrosis factor receptor superfamily member 25.

L2 ANSWER 147 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN ADU04622 protein DGENE  
TI Detecting neoplasia in lung cells comprises detecting the level of  
expression of at least one gene selected from EGFR-RS, RYK, TNFRS25,  
TRPM7, \*\*\*UNC5H2\*\*\* , KCP3 and KIAA 1883.

IN Roberts B L  
PA (GENZ) GENZYME CORP.  
PI WO 2004091511 A2 20041028 80p  
AI WO 2004-US11193 20040412  
PRAI US 2003-462028P 20030410  
DT Patent  
LA English  
OS 2004-766692 [75]  
CR N-PSDB: ADU04621  
DESC Human receptor-like tyrosine kinase.

L2 ANSWER 148 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN ADU04626 protein DGENE  
TI Detecting neoplasia in lung cells comprises detecting the level of  
expression of at least one gene selected from EGFR-RS, RYK, TNFRS25,  
TRPM7, \*\*\*UNC5H2\*\*\* , KCP3 and KIAA 1883.

IN Roberts B L  
PA (GENZ) GENZYME CORP.  
PI WO 2004091511 A2 20041028 80p  
AI WO 2004-US11193 20040412  
PRAI US 2003-462028P 20030410  
DT Patent  
LA English  
OS 2004-766692 [75]  
DESC Transient receptor potential cation channel subfamily M member 7.

L2 ANSWER 149 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN ADG42580 protein DGENE  
TI New NOVX gene or NOVX-specific antibody, useful for preparing a  
composition for treating or preventing a NOVX-associated disorder, e.g.,  
cancer.

IN Herrmann J L; Rastelli L; Shimkets R A  
PA (HERR-I) HERRMANN J L.  
(RAST-I) RASTELLI L.  
(SHIM-I) SHIMKETS R A.  
PI US 2003204052 A1 20031030 118p  
AI US 2001-970944 20011004  
PRAI US 2000-237862P 20001004  
DT Patent  
LA English  
OS 2003-900673 [82]  
DESC Rat transmembrane receptor \*\*\*Unc5H1\*\*\* .

L2 ANSWER 150 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN ADG42584 protein DGENE  
TI New NOVX gene or NOVX-specific antibody, useful for preparing a  
composition for treating or preventing a NOVX-associated disorder, e.g.,  
cancer.

IN Herrmann J L; Rastelli L; Shimkets R A  
PA (HERR-I) HERRMANN J L.  
(RAST-I) RASTELLI L.  
(SHIM-I) SHIMKETS R A.  
PI US 2003204052 A1 20031030 118p  
AI US 2001-970944 20011004  
PRAI US 2000-237862P 20001004  
DT Patent  
LA English  
OS 2003-900673 [82]

L2 ANSWER 151 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN ADG42582 protein DGENE  
 TI New NOVX gene or NOVX-specific antibody, useful for preparing a  
 composition for treating or preventing a NOVX-associated disorder, e.g.,  
 cancer.  
 IN Herrmann J L; Rastelli L; Shimkets R A  
 PA (HERR-I) HERRMANN J L.  
 (RAST-I) RASTELLI L.  
 (SHIM-I) SHIMKETS R A.  
 PI US 2003204052 A1 20031030 118p  
 AI US 2001-970944 20011004  
 PRAI US 2000-237862P 20001004  
 DT Patent  
 LA English  
 OS 2003-900673 [82]  
 DESC Mouse transmembrane receptor \*\*\*Unc5\*\*\* homologue.

L2 ANSWER 152 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN ADG42581 protein DGENE  
 TI New NOVX gene or NOVX-specific antibody, useful for preparing a  
 composition for treating or preventing a NOVX-associated disorder, e.g.,  
 cancer.  
 IN Herrmann J L; Rastelli L; Shimkets R A  
 PA (HERR-I) HERRMANN J L.  
 (RAST-I) RASTELLI L.  
 (SHIM-I) SHIMKETS R A.  
 PI US 2003204052 A1 20031030 118p  
 AI US 2001-970944 20011004  
 PRAI US 2000-237862P 20001004  
 DT Patent  
 LA English  
 OS 2003-900673 [82]  
 DESC Human transmembrane receptor \*\*\*Unc5H1\*\*\* homologue.

L2 ANSWER 153 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN ADG42583 protein DGENE  
 TI New NOVX gene or NOVX-specific antibody, useful for preparing a  
 composition for treating or preventing a NOVX-associated disorder, e.g.,  
 cancer.  
 IN Herrmann J L; Rastelli L; Shimkets R A  
 PA (HERR-I) HERRMANN J L.  
 (RAST-I) RASTELLI L.  
 (SHIM-I) SHIMKETS R A.  
 PI US 2003204052 A1 20031030 118p  
 AI US 2001-970944 20011004  
 PRAI US 2000-237862P 20001004  
 DT Patent  
 LA English  
 OS 2003-900673 [82]  
 DESC Human transmembrane receptor \*\*\*Unc5\*\*\* homologue #1.

L2 ANSWER 154 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN ABB09520 Protein DGENE  
 TI Novel polypeptides and nucleic acids homologous to transmembrane  
 receptor, thymosin, neuromodulin-like family of proteins for diagnosing,  
 treating cancer, atherosclerosis, neurological, skin and autoimmune  
 disorders -  
 IN Kekuda R; Alsobrook J P; Tchernev V T; Liu X; Spytek K A; Patturajan M;  
 Grosse W M; Lepley D M; Burgess C E; Vernet C A M; Li L; Gorman L;  
 Edinger S; Sciore P; Ellerman K; Malyankar U; Rothenberg M; Stone D;  
 Boldog F; Guo X; Shenoy S; Anderson D; Padigar M; Taupier R J; Miller C  
 E; Eisen A  
 PA (CURA-N) CURAGEN CORP.  
 PI WO 2002053742 A2 20020711 323p  
 AI WO 2002-US375 20020107  
 PRAI US 2001-260018P 20010105  
 US 2001-260360P 20010108

US 2001-272817P 20010302  
 US 2001-303231P 20010705  
 US 2001-305060P 20010712  
 US 2001-318405P 20010910  
 US 2001-318700P 20010912  
 US 2002-37417 20020104  
 DT Patent  
 LA English  
 OS 2002-583619 [62]  
 CR N-PSDB: ABQ93898  
 DESC Human transmembrane receptor \*\*\*UNC5H2\*\*\* -like NOV11 protein, SEQ ID NO:38.  
  
 L2 ANSWER 155 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN ABG61795 Protein DGENE  
 TI Novel isolated polypeptide, designated NOVX, useful for treating or preventing cancer, diabetes, obesity, dyslipidaemia, anorexia, and metabolic, neurodegenerative, immune and hematopoietic disorders -  
 IN Shimkets R A; Taupier R J; Burgess C E; Zerhusen B D; Mezes P S; Rastelli L; Malyankar U M; Grosse W M; Alsobrook J P; Lepley D M; Spytek K A; Li L; Edinger S; Gerlach V; Ellerman K; Macdougall J; Gunther E; Millet I; Stone D; Smithson G; Szekeres E S  
 PA (CURA-N) CURAGEN CORP.  
 PI WO 2002029058 A2 20020411 316p  
 AI WO 2001-US31248 20011005  
 PRAI US 2000-238323P 20001005  
 US 2000-238325P 20001005  
 US 2000-238372P 20001006  
 US 2000-238373P 20001006  
 US 2000-238379P 20001006  
 US 2000-238382P 20001006  
 US 2000-238383P 20001006  
 US 2000-238384P 20001006  
 US 2000-238397P 20001006  
 US 2000-238400P 20001006  
 US 2000-238401P 20001006  
 US 2000-238402P 20001006  
 US 2001-275892P 20010314  
 US 2001-296860P 20010608  
 DT Patent  
 LA English  
 OS 2002-444103 [47]  
 CR N-PSDB: ABK92062  
 DESC Novel \*\*\*UNC5\*\*\* receptor-like protein.  
  
 L2 ANSWER 156 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN AAU97900 Protein DGENE  
 TI Novel human netrin binding membrane receptor polypeptide and polynucleotides for identifying modulating agents useful in treating diseases e.g. Parkinson's disease, multiple sclerosis, stroke, Alzheimer's disease -  
 IN Koehler R H  
 PA (FARB) BAYER AG.  
 PI WO 2002033080 A2 20020425 94p  
 AI WO 2001-EP11891 20011015  
 PRAI US 2000-240061P 20001016  
 DT Patent  
 LA English  
 OS 2002-463314 [49]  
 DESC Rat netrin binding membrane receptor \*\*\*UNC5H\*\*\* -1 protein.  
  
 L2 ANSWER 157 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN AAU97899 Protein DGENE  
 TI Novel human netrin binding membrane receptor polypeptide and polynucleotides for identifying modulating agents useful in treating diseases e.g. Parkinson's disease, multiple sclerosis, stroke, Alzheimer's disease -  
 IN Koehler R H

PI WO 2002033080 A2 20020425 94p  
 AI WO 2001-EP11891 20011015  
 PRAI US 2000-240061P 20001016  
 DT Patent  
 LA English  
 OS 2002-463314 [49]  
 CR N-PSDB: ABK52891  
 DESC Human netrin binding membrane receptor \*\*\*UNC5H\*\*\* -1 protein.

L2 ANSWER 158 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN AAU79939 Protein DGENE  
 TI Novel isolated NOVX polypeptide, and encoded polynucleotide, useful for  
 treating cardiomyopathy, atherosclerosis, and cancer -  
 IN Herrmann J L; Rastelli L; Shimkets R A  
 PA (CURA-N) CURAGEN CORP.  
 PI WO 2002029038 A2 20020411 180p  
 AI WO 2001-US31377 20011004  
 PRAI US 2000-237862P 20001004  
 DT Patent  
 LA English  
 OS 2002-340104 [37]  
 CR N-PSDB: ABK49422  
 DESC Human \*\*\*UNC5\*\*\* -like protein NOV1.

L2 ANSWER 159 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN AAU10546 Protein DGENE  
 TI Novel chronic animal model of schizophrenia, useful for identifying  
 anti-psychotic drugs and genes that are associated with schizophrenia -  
 IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J  
 PA (WELF-N) WELFIDE CORP.  
 PI WO 2001075440 A2 20011011 79p  
 AI WO 2001-GB1486 20010402  
 PRAI GB 2000-7880 20000331  
 GB 2000-12768 20000526  
 DT Patent  
 LA English  
 OS 2002-010813 [01]  
 CR N-PSDB: AAS16846  
 DESC Rat tumour necrosis factor (TNF) alpha (YSG10) polypeptide.

L2 ANSWER 160 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN AAU10545 Protein DGENE  
 TI Novel chronic animal model of schizophrenia, useful for identifying  
 anti-psychotic drugs and genes that are associated with schizophrenia -  
 IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J  
 PA (WELF-N) WELFIDE CORP.  
 PI WO 2001075440 A2 20011011 79p  
 AI WO 2001-GB1486 20010402  
 PRAI GB 2000-7880 20000331  
 GB 2000-12768 20000526  
 DT Patent  
 LA English  
 OS 2002-010813 [01]  
 CR N-PSDB: AAS16845  
 DESC Rat synapsin 1B (YSG8) polypeptide.

L2 ANSWER 161 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN AAU10544 Protein DGENE  
 TI Novel chronic animal model of schizophrenia, useful for identifying  
 anti-psychotic drugs and genes that are associated with schizophrenia -  
 IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J  
 PA (WELF-N) WELFIDE CORP.  
 PI WO 2001075440 A2 20011011 79p  
 AI WO 2001-GB1486 20010402  
 PRAI GB 2000-7880 20000331  
 GB 2000-12768 20000526  
 DT Patent  
 LA English

CR N-PSDB: AAS16844  
DESC Rat synapsin 1A (YSG8) polypeptide.

L2 ANSWER 162 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN AAU10543 Protein DGENE  
TI Novel chronic animal model of schizophrenia, useful for identifying  
anti-psychotic drugs and genes that are associated with schizophrenia -  
IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J  
PA (WELF-N) WELFIDE CORP.  
PI WO 2001075440 A2 20011011 79p  
AI WO 2001-GB1486 20010402  
PRAI GB 2000-7880 20000331  
GB 2000-12768 20000526  
DT Patent  
LA English  
OS 2002-010813 [01]  
CR N-PSDB: AAS16843  
DESC Rat netrin receptor \*\*\*UNC5H1\*\*\* (YSG7) polypeptide.

L2 ANSWER 163 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN AAU10542 Protein DGENE  
TI Novel chronic animal model of schizophrenia, useful for identifying  
anti-psychotic drugs and genes that are associated with schizophrenia -  
IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J  
PA (WELF-N) WELFIDE CORP.  
PI WO 2001075440 A2 20011011 79p  
AI WO 2001-GB1486 20010402  
PRAI GB 2000-7880 20000331  
GB 2000-12768 20000526  
DT Patent  
LA English  
OS 2002-010813 [01]  
CR N-PSDB: AAS16842  
DESC Human epithelial discoidin domain receptor 1 (YSG5) trkE polypeptide.

L2 ANSWER 164 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN AAU10541 Protein DGENE  
TI Novel chronic animal model of schizophrenia, useful for identifying  
anti-psychotic drugs and genes that are associated with schizophrenia -  
IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J  
PA (WELF-N) WELFIDE CORP.  
PI WO 2001075440 A2 20011011 79p  
AI WO 2001-GB1486 20010402  
PRAI GB 2000-7880 20000331  
GB 2000-12768 20000526  
DT Patent  
LA English  
OS 2002-010813 [01]  
CR N-PSDB: AAS16841  
DESC Rat CIRL-3 variant BA (YSG2) polypeptide.

L2 ANSWER 165 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN AAU10540 Protein DGENE  
TI Novel chronic animal model of schizophrenia, useful for identifying  
anti-psychotic drugs and genes that are associated with schizophrenia -  
IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J  
PA (WELF-N) WELFIDE CORP.  
PI WO 2001075440 A2 20011011 79p  
AI WO 2001-GB1486 20010402  
PRAI GB 2000-7880 20000331  
GB 2000-12768 20000526  
DT Patent  
LA English  
OS 2002-010813 [01]  
CR N-PSDB: AAS16840  
DESC Rat CIRL-2 variant BC (YSG2) polypeptide.

L2 ANSWER 166 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN

TI Novel chronic animal model of schizophrenia, useful for identifying  
 anti-psychotic drugs and genes that are associated with schizophrenia -  
 IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J  
 PA (WELF-N) WELFIDE CORP.  
 PI WO 2001075440 A2 20011011 79p  
 AI WO 2001-GB1486 20010402  
 PRAI GB 2000-7880 20000331  
 GB 2000-12768 20000526  
 DT Patent  
 LA English  
 OS 2002-010813 [01]  
 CR N-PSDB: AAS16839  
 DESC Rat CIRL-1 variant BB (YSG2) polypeptide.

L2 ANSWER 167 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN AAU10538 Protein DGENE  
 TI Novel chronic animal model of schizophrenia, useful for identifying  
 anti-psychotic drugs and genes that are associated with schizophrenia -  
 IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J  
 PA (WELF-N) WELFIDE CORP.  
 PI WO 2001075440 A2 20011011 79p  
 AI WO 2001-GB1486 20010402  
 PRAI GB 2000-7880 20000331  
 GB 2000-12768 20000526  
 DT Patent  
 LA English  
 OS 2002-010813 [01]  
 CR N-PSDB: AAS16838  
 DESC Rat phosphodiesterase 1-alpha (YSG1) polypeptide.

L2 ANSWER 168 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN ABB11124 peptide DGENE  
 TI Human proteins and DNA encoding sequences useful for preventing, treating  
 or ameliorating a medical condition in a mammalian subject e.g. arthritis  
 and cancer -  
 IN Tang Y T; Liu C; Drmanac R T  
 PA (HYSE-N) HYSEQ INC.  
 PI WO 2001057188 A2 20010809 999p  
 AI WO 2001-US3800 20010205  
 PRAI US 2000-496914 20000203  
 US 2000-560875 20000427  
 DT Patent  
 LA English  
 OS 2001-457740 [49]  
 CR N-PSDB: ABA08368  
 DESC Human transmembrane receptor \*\*\*UNC5H2\*\*\* homologue, SEQ ID NO:1494.

L2 ANSWER 169 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN AAW78901 Protein DGENE  
 TI Netrin-binding, vertebrate proteins - useful for diagnosis, therapy and  
 the biopharmaceutical industry  
 IN Hinck L; Keino-Masu K; Leonardo E D; Masu M; Tessier-Lavigne M  
 PA (REGC) UNIV CALIFORNIA.  
 PI WO 9837085 A1 19980827 32p  
 AI WO 1998-US3143 19980219  
 PRAI US 1997-808982 19970219  
 DT Patent  
 LA English  
 OS 1998-495364 [42]  
 CR N-PSDB: AAV52943  
 DESC Human UNC-5 homologue \*\*\*UNC5H\*\*\* -2.

L2 ANSWER 170 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN AAW78899 Protein DGENE  
 TI Netrin-binding, vertebrate proteins - useful for diagnosis, therapy and  
 the biopharmaceutical industry  
 IN Hinck L; Keino-Masu K; Leonardo E D; Masu M; Tessier-Lavigne M  
 PA (REGC) UNIV CALIFORNIA.

AI WO 1998-US3143 19980219  
PRAI US 1997-808982 19970219  
DT Patent  
LA English  
OS 1998-495364 [42]  
CR N-PSDB: AAW78899  
DESC Human UNC-5 homologue \*\*\*UNC5H\*\*\* -1.

L2 ANSWER 171 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN AAW78900 Protein DGENE  
TI Netrin-binding, vertebrate proteins - useful for diagnosis, therapy and  
the biopharmaceutical industry  
IN Hinck L; Keino-Masu K; Leonardo E D; Masu M; Tessier-Lavigne M  
PA (REGC) UNIV CALIFORNIA.  
PI WO 9837085 A1 19980827 32p  
AI WO 1998-US3143 19980219  
PRAI US 1997-808982 19970219  
DT Patent  
LA English  
OS 1998-495364 [42]  
CR N-PSDB: AAV52942  
DESC Rat UNC-5 homologue \*\*\*UNC5H\*\*\* -2.

L2 ANSWER 172 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN AAW78898 Protein DGENE  
TI Netrin-binding, vertebrate proteins - useful for diagnosis, therapy and  
the biopharmaceutical industry  
IN Hinck L; Keino-Masu K; Leonardo E D; Masu M; Tessier-Lavigne M  
PA (REGC) UNIV CALIFORNIA.  
PI WO 9837085 A1 19980827 32p  
AI WO 1998-US3143 19980219  
PRAI US 1997-808982 19970219  
DT Patent  
LA English  
OS 1998-495364 [42]  
CR N-PSDB: AAV52940  
DESC Rat UNC-5 homologue \*\*\*UNC5H\*\*\* -1.

L2 ANSWER 173 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN ADU04638 DNA DGENE  
TI Detecting neoplasia in lung cells comprises detecting the level of  
expression of at least one gene selected from EGFR-RS, RYK, TNFRS25,  
TRPM7, \*\*\*UNC5H2\*\*\*, KCP3 and KIAA 1883.  
IN Roberts B L  
PA (GENZ) GENZYME CORP.  
PI WO 2004091511 A2 20041028 80p  
AI WO 2004-US11193 20040412  
PRAI US 2003-462028P 20030410  
DT Patent  
LA English  
OS 2004-766692 [75]  
DESC Human KCP3 SAGE tag sequence.

L2 ANSWER 174 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN ADU04633 DNA DGENE  
TI Detecting neoplasia in lung cells comprises detecting the level of  
expression of at least one gene selected from EGFR-RS, RYK, TNFRS25,  
TRPM7, \*\*\*UNC5H2\*\*\*, KCP3 and KIAA 1883.  
IN Roberts B L  
PA (GENZ) GENZYME CORP.  
PI WO 2004091511 A2 20041028 80p  
AI WO 2004-US11193 20040412  
PRAI US 2003-462028P 20030410  
DT Patent  
LA English  
OS 2004-766692 [75]  
DESC Epidermal growth factor receptor-related sequence SAGE tag.

AN ADU04627 DNA DGENE  
 TI Detecting neoplasia in lung cells comprises detecting the level of  
 expression of at least one gene selected from EGFR-RS, RYK, TNFRS25,  
 TRPM7, \*\*\*UNC5H2\*\*\* , KCP3 and KIAA 1883.  
 IN Roberts B L  
 PA (GENZ) GENZYME CORP.  
 PI WO 2004091511 A2 20041028 80p  
 AI WO 2004-US11193 20040412  
 PRAI US 2003-462028P 20030410  
 DT Patent  
 LA English  
 OS 2004-766692 [75]  
 CR P-PSDB: ADU04628  
 DESC Transmembrane receptor \*\*\*UNC5H2\*\*\* polynucleotide.

L2 ANSWER 176 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN ADU04623 DNA DGENE  
 TI Detecting neoplasia in lung cells comprises detecting the level of  
 expression of at least one gene selected from EGFR-RS, RYK, TNFRS25,  
 TRPM7, \*\*\*UNC5H2\*\*\* , KCP3 and KIAA 1883.  
 IN Roberts B L  
 PA (GENZ) GENZYME CORP.  
 PI WO 2004091511 A2 20041028 80p  
 AI WO 2004-US11193 20040412  
 PRAI US 2003-462028P 20030410  
 DT Patent  
 LA English  
 OS 2004-766692 [75]  
 CR P-PSDB: ADU04624  
 DESC Tumour necrosis factor receptor superfamily member 25 polynucleotide.

L2 ANSWER 177 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN ADU04621 DNA DGENE  
 TI Detecting neoplasia in lung cells comprises detecting the level of  
 expression of at least one gene selected from EGFR-RS, RYK, TNFRS25,  
 TRPM7, \*\*\*UNC5H2\*\*\* , KCP3 and KIAA 1883.  
 IN Roberts B L  
 PA (GENZ) GENZYME CORP.  
 PI WO 2004091511 A2 20041028 80p  
 AI WO 2004-US11193 20040412  
 PRAI US 2003-462028P 20030410  
 DT Patent  
 LA English  
 OS 2004-766692 [75]  
 CR P-PSDB: ADU04622  
 DESC Human receptor-like tyrosine kinase polynucleotide sequence.

L2 ANSWER 178 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN ADU04634 DNA DGENE  
 TI Detecting neoplasia in lung cells comprises detecting the level of  
 expression of at least one gene selected from EGFR-RS, RYK, TNFRS25,  
 TRPM7, \*\*\*UNC5H2\*\*\* , KCP3 and KIAA 1883.  
 IN Roberts B L  
 PA (GENZ) GENZYME CORP.  
 PI WO 2004091511 A2 20041028 80p  
 AI WO 2004-US11193 20040412  
 PRAI US 2003-462028P 20030410  
 DT Patent  
 LA English  
 OS 2004-766692 [75]  
 DESC Human receptor-like tyrosine kinase SAGE tag sequence.

L2 ANSWER 179 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN ADU04639 DNA DGENE  
 TI Detecting neoplasia in lung cells comprises detecting the level of  
 expression of at least one gene selected from EGFR-RS, RYK, TNFRS25,  
 TRPM7, \*\*\*UNC5H2\*\*\* , KCP3 and KIAA 1883.  
 IN Roberts B L



PI WO 2004091511 A2 20041028 80p  
 AI WO 2004-US11193 20040412  
 PRAI US 2003-462028P 20030410  
 DT Patent  
 LA English  
 OS 2004-766692 [75]  
 DESC Human KIAA 1883 SAGE tag sequence.

L2 ANSWER 180 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN ADU04637 DNA DGENE  
 TI Detecting neoplasia in lung cells comprises detecting the level of  
 expression of at least one gene selected from EGFR-RS, RYK, TNFRS25,  
 TRPM7, \*\*\*UNC5H2\*\*\*, KCP3 and KIAA 1883.  
 IN Roberts B L  
 PA (GENZ) GENZYME CORP.  
 PI WO 2004091511 A2 20041028 80p  
 AI WO 2004-US11193 20040412  
 PRAI US 2003-462028P 20030410  
 DT Patent  
 LA English  
 OS 2004-766692 [75]  
 DESC Transmembrane receptor \*\*\*UNC5H2\*\*\* SAGE tag.

L2 ANSWER 181 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN ADU04635 DNA DGENE  
 TI Detecting neoplasia in lung cells comprises detecting the level of  
 expression of at least one gene selected from EGFR-RS, RYK, TNFRS25,  
 TRPM7, \*\*\*UNC5H2\*\*\*, KCP3 and KIAA 1883.  
 IN Roberts B L  
 PA (GENZ) GENZYME CORP.  
 PI WO 2004091511 A2 20041028 80p  
 AI WO 2004-US11193 20040412  
 PRAI US 2003-462028P 20030410  
 DT Patent  
 LA English  
 OS 2004-766692 [75]  
 DESC Tumour necrosis factor receptor superfamily member 25 SAGE tag.

L2 ANSWER 182 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN ADU04625 DNA DGENE  
 TI Detecting neoplasia in lung cells comprises detecting the level of  
 expression of at least one gene selected from EGFR-RS, RYK, TNFRS25,  
 TRPM7, \*\*\*UNC5H2\*\*\*, KCP3 and KIAA 1883.  
 IN Roberts B L  
 PA (GENZ) GENZYME CORP.  
 PI WO 2004091511 A2 20041028 80p  
 AI WO 2004-US11193 20040412  
 PRAI US 2003-462028P 20030410  
 DT Patent  
 LA English  
 OS 2004-766692 [75]  
 CR P-PSDB: ADU04626  
 DESC Transient receptor potential cation channel subfamily M member 7 DNA.

L2 ANSWER 183 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN ADU04619 DNA DGENE  
 TI Detecting neoplasia in lung cells comprises detecting the level of  
 expression of at least one gene selected from EGFR-RS, RYK, TNFRS25,  
 TRPM7, \*\*\*UNC5H2\*\*\*, KCP3 and KIAA 1883.  
 IN Roberts B L  
 PA (GENZ) GENZYME CORP.  
 PI WO 2004091511 A2 20041028 80p  
 AI WO 2004-US11193 20040412  
 PRAI US 2003-462028P 20030410  
 DT Patent  
 LA English  
 OS 2004-766692 [75]  
 CR P-PSDB: ADU04620

L2 ANSWER 184 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN ADU04636 DNA DGENE  
 TI Detecting neoplasia in lung cells comprises detecting the level of  
 expression of at least one gene selected from EGFR-RS, RYK, TNFRS25,  
 TRPM7, \*\*\*UNC5H2\*\*\* , KCP3 and KIAA 1883.  
 IN Roberts B L  
 PA (GENZ) GENZYME CORP.  
 PI WO 2004091511 A2 20041028 80p  
 AI WO 2004-US11193 20040412  
 PRAI US 2003-462028P 20030410  
 DT Patent  
 LA English  
 OS 2004-766692 [75]  
 DESC Transient receptor potential cation channel family M member 7 SAGE tag.

L2 ANSWER 185 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN ADU04629 DNA DGENE  
 TI Detecting neoplasia in lung cells comprises detecting the level of  
 expression of at least one gene selected from EGFR-RS, RYK, TNFRS25,  
 TRPM7, \*\*\*UNC5H2\*\*\* , KCP3 and KIAA 1883.  
 IN Roberts B L  
 PA (GENZ) GENZYME CORP.  
 PI WO 2004091511 A2 20041028 80p  
 AI WO 2004-US11193 20040412  
 PRAI US 2003-462028P 20030410  
 DT Patent  
 LA English  
 OS 2004-766692 [75]  
 CR P-PSDB: ADU04630  
 DESC Human KCP3 polynucleotide.

L2 ANSWER 186 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN ADU04631 cDNA DGENE  
 TI Detecting neoplasia in lung cells comprises detecting the level of  
 expression of at least one gene selected from EGFR-RS, RYK, TNFRS25,  
 TRPM7, \*\*\*UNC5H2\*\*\* , KCP3 and KIAA 1883.  
 IN Roberts B L  
 PA (GENZ) GENZYME CORP.  
 PI WO 2004091511 A2 20041028 80p  
 AI WO 2004-US11193 20040412  
 PRAI US 2003-462028P 20030410  
 DT Patent  
 LA English  
 OS 2004-766692 [75]  
 CR P-PSDB: ADU04632  
 DESC Human KIAA 1883 polynucleotide.

L2 ANSWER 187 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN ADO09501 DNA DGENE  
 TI Modulating synaptic growth or plasticity for treating a condition  
 associated with damaged or diseased synapses by increasing the expression  
 of a BDNF-inducible nucleic acid sequence or activity of its encoded  
 protein.  
 IN Black I B  
 PA (UYNE-N) UNIV NEW JERSEY MEDICINE & DENTISTRY.  
 PI WO 2004041778 A2 20040521 73p  
 AI WO 2003-US34777 20031031  
 PRAI US 2002-422986P 20021101  
 DT Patent  
 LA English  
 OS 2004-400617 [37]  
 DESC Rat transmembrane receptor \*\*\*UNC5\*\*\* homology DNA sequence.

L2 ANSWER 188 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN ABQ93898 DNA DGENE  
 TI Novel polypeptides and nucleic acids homologous to transmembrane  
 receptor, thymosin, neuromodulin-like family of proteins for diagnosing,

disorders -

IN Kekuda R; Alsobrook J P; Tchernev V T; Liu X; Spytek K A; Patturajan M; Grosse W M; Lepley D M; Burgess C E; Vernet C A M; Li L; Gorman L; Edinger S; Sciore P; Ellerman K; Malyankar U; Rothenberg M; Stone D; Boldog F; Guo X; Shenoy S; Anderson D; Padigar M; Taupier R J; Miller C E; Eisen A

PA (CURA-N) CURAGEN CORP.

PI WO 2002053742 A2 20020711 323p

AI WO 2002-US375 20020107

PRAI US 2001-260018P 20010105

US 2001-260360P 20010108

US 2001-272411P 20010228

US 2001-272817P 20010302

US 2001-303231P 20010705

US 2001-305060P 20010712

US 2001-318405P 20010910

US 2001-318700P 20010912

US 2002-37417 20020104

DT Patent

LA English

OS 2002-583619 [62]

CR P-PSDB: ABB09520

DESC Human transmembrane receptor \*\*\*UNC5H2\*\*\* -like NOV11 DNA, SEQ ID NO:37.

L2 ANSWER 189 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN

AN ABK92105 DNA DGENE

TI Novel isolated polypeptide, designated NOVX, useful for treating or preventing cancer, diabetes, obesity, dyslipidaemia, anorexia, and metabolic, neurodegenerative, immune and hematopoietic disorders -

IN Shimkets R A; Taupier R J; Burgess C E; Zerhusen B D; Mezes P S; Rastelli L; Malyankar U M; Grosse W M; Alsobrook J P; Lepley D M; Spytek K A; Li L; Edinger S; Gerlach V; Ellerman K; Macdougall J; Gunther E; Millet I; Stone D; Smithson G; Szekeres E S

PA (CURA-N) CURAGEN CORP.

PI WO 2002029058 A2 20020411 316p

AI WO 2001-US31248 20011005

PRAI US 2000-238323P 20001005

US 2000-238325P 20001005

US 2000-238372P 20001006

US 2000-238373P 20001006

US 2000-238379P 20001006

US 2000-238382P 20001006

US 2000-238383P 20001006

US 2000-238384P 20001006

US 2000-238397P 20001006

US 2000-238400P 20001006

US 2000-238401P 20001006

US 2000-238402P 20001006

US 2001-275892P 20010314

US 2001-296860P 20010608

DT Patent

LA English

OS 2002-444103 [47]

DESC Novel \*\*\*UNC5\*\*\* receptor-like protein, reverse primer #4.

L2 ANSWER 190 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN

AN ABK92104 DNA DGENE

TI Novel isolated polypeptide, designated NOVX, useful for treating or preventing cancer, diabetes, obesity, dyslipidaemia, anorexia, and metabolic, neurodegenerative, immune and hematopoietic disorders -

IN Shimkets R A; Taupier R J; Burgess C E; Zerhusen B D; Mezes P S; Rastelli L; Malyankar U M; Grosse W M; Alsobrook J P; Lepley D M; Spytek K A; Li L; Edinger S; Gerlach V; Ellerman K; Macdougall J; Gunther E; Millet I; Stone D; Smithson G; Szekeres E S

PA (CURA-N) CURAGEN CORP.

PI WO 2002029058 A2 20020411 316p

AI WO 2001-US31248 20011005

	US 2000-238325P	20001005
	US 2000-238372P	20001006
	US 2000-238373P	20001006
	US 2000-238379P	20001006
	US 2000-238382P	20001006
	US 2000-238383P	20001006
	US 2000-238384P	20001006
	US 2000-238397P	20001006
	US 2000-238400P	20001006
	US 2000-238401P	20001006
	US 2000-238402P	20001006
	US 2001-275892P	20010314
	US 2001-296860P	20010608
DT	Patent	
LA	English	
OS	2002-444103 [47]	
DESC	Novel ***UNC5***	receptor-like protein, probe #4.
L2	ANSWER 191 OF 313	DGENE COPYRIGHT 2005 The Thomson Corp on STN
AN	ABK92103	DNA DGENE
TI	Novel isolated polypeptide, designated NOVX, useful for treating or preventing cancer, diabetes, obesity, dyslipidaemia, anorexia, and metabolic, neurodegenerative, immune and hematopoietic disorders -	
IN	Shimkets R A; Taupier R J; Burgess C E; Zerhusen B D; Mezes P S; Rastelli L; Malyankar U M; Grosse W M; Alsobrook J P; Lepley D M; Spytek K A; Li L; Edinger S; Gerlach V; Ellerman K; Macdougall J; Gunther E; Millet I; Stone D; Smithson G; Szekeres E S	
PA	(CURA-N)	CURAGEN CORP.
PI	WO 2002029058 A2 20020411	316p
AI	WO 2001-US31248	20011005
PRAI	US 2000-238323P	20001005
	US 2000-238325P	20001005
	US 2000-238372P	20001006
	US 2000-238373P	20001006
	US 2000-238379P	20001006
	US 2000-238382P	20001006
	US 2000-238383P	20001006
	US 2000-238384P	20001006
	US 2000-238397P	20001006
	US 2000-238400P	20001006
	US 2000-238401P	20001006
	US 2000-238402P	20001006
	US 2001-275892P	20010314
	US 2001-296860P	20010608
DT	Patent	
LA	English	
OS	2002-444103 [47]	
DESC	Novel ***UNC5***	receptor-like protein, forward primer #4.
L2	ANSWER 192 OF 313	DGENE COPYRIGHT 2005 The Thomson Corp on STN
AN	ABK92102	DNA DGENE
TI	Novel isolated polypeptide, designated NOVX, useful for treating or preventing cancer, diabetes, obesity, dyslipidaemia, anorexia, and metabolic, neurodegenerative, immune and hematopoietic disorders -	
IN	Shimkets R A; Taupier R J; Burgess C E; Zerhusen B D; Mezes P S; Rastelli L; Malyankar U M; Grosse W M; Alsobrook J P; Lepley D M; Spytek K A; Li L; Edinger S; Gerlach V; Ellerman K; Macdougall J; Gunther E; Millet I; Stone D; Smithson G; Szekeres E S	
PA	(CURA-N)	CURAGEN CORP.
PI	WO 2002029058 A2 20020411	316p
AI	WO 2001-US31248	20011005
PRAI	US 2000-238323P	20001005
	US 2000-238325P	20001005
	US 2000-238372P	20001006
	US 2000-238373P	20001006
	US 2000-238379P	20001006
	US 2000-238382P	20001006
	US 2000-238383P	20001006

	US 2000-238397P	20001006
	US 2000-238400P	20001006
	US 2000-238401P	20001006
	US 2000-238402P	20001006
	US 2001-275892P	20010314
	US 2001-296860P	20010608
DT	Patent	
LA	English	
OS	2002-444103 [47]	
DESC	Novel ***UNC5***	receptor-like protein, reverse primer #3.
L2	ANSWER 193 OF 313	DGENE COPYRIGHT 2005 The Thomson Corp on STN
AN	ABK92101	DNA DGENE
TI	Novel isolated polypeptide, designated NOVX, useful for treating or preventing cancer, diabetes, obesity, dyslipidaemia, anorexia, and metabolic, neurodegenerative, immune and hematopoietic disorders -	
IN	Shimkets R A; Taupier R J; Burgess C E; Zerhusen B D; Mezes P S; Rastelli L; Malyankar U M; Grosse W M; Alsobrook J P; Lepley D M; Spytek K A; Li L; Edinger S; Gerlach V; Ellerman K; Macdougall J; Gunther E; Millet I; Stone D; Smithson G; Szekeres E S	
PA	(CURA-N)	CURAGEN CORP.
PI	WO 2002029058 A2 20020411	316p
AI	WO 2001-US31248	20011005
PRAI	US 2000-238323P	20001005
	US 2000-238325P	20001005
	US 2000-238372P	20001006
	US 2000-238373P	20001006
	US 2000-238379P	20001006
	US 2000-238382P	20001006
	US 2000-238383P	20001006
	US 2000-238384P	20001006
	US 2000-238397P	20001006
	US 2000-238400P	20001006
	US 2000-238401P	20001006
	US 2000-238402P	20001006
	US 2001-275892P	20010314
	US 2001-296860P	20010608
DT	Patent	
LA	English	
OS	2002-444103 [47]	
DESC	Novel ***UNC5***	receptor-like protein, probe #3.
L2	ANSWER 194 OF 313	DGENE COPYRIGHT 2005 The Thomson Corp on STN
AN	ABK92100	DNA DGENE
TI	Novel isolated polypeptide, designated NOVX, useful for treating or preventing cancer, diabetes, obesity, dyslipidaemia, anorexia, and metabolic, neurodegenerative, immune and hematopoietic disorders -	
IN	Shimkets R A; Taupier R J; Burgess C E; Zerhusen B D; Mezes P S; Rastelli L; Malyankar U M; Grosse W M; Alsobrook J P; Lepley D M; Spytek K A; Li L; Edinger S; Gerlach V; Ellerman K; Macdougall J; Gunther E; Millet I; Stone D; Smithson G; Szekeres E S	
PA	(CURA-N)	CURAGEN CORP.
PI	WO 2002029058 A2 20020411	316p
AI	WO 2001-US31248	20011005
PRAI	US 2000-238323P	20001005
	US 2000-238325P	20001005
	US 2000-238372P	20001006
	US 2000-238373P	20001006
	US 2000-238379P	20001006
	US 2000-238382P	20001006
	US 2000-238383P	20001006
	US 2000-238384P	20001006
	US 2000-238397P	20001006
	US 2000-238400P	20001006
	US 2000-238401P	20001006
	US 2000-238402P	20001006
	US 2001-275892P	20010314
	US 2001-296860P	20010608

LA English  
OS 2002-444103 [47]  
DESC Novel \*\*\*UNC5\*\*\* receptor-like protein, forward primer #3.

L2 ANSWER 195 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN ABK92099 DNA DGENE  
TI Novel isolated polypeptide, designated NOVX, useful for treating or preventing cancer, diabetes, obesity, dyslipidaemia, anorexia, and metabolic, neurodegenerative, immune and hematopoietic disorders -  
IN Shimkets R A; Taupier R J; Burgess C E; Zerhusen B D; Mezes P S; Rastelli L; Malyankar U M; Grosse W M; Alsobrook J P; Lepley D M; Spytek K A; Li L; Edinger S; Gerlach V; Ellerman K; Macdougall J; Gunther E; Millet I; Stone D; Smithson G; Szekeres E S  
PA (CURA-N) CURAGEN CORP.  
PI WO 2002029058 A2 20020411 316p  
AI WO 2001-US31248 20011005  
PRAI US 2000-238323P 20001005  
US 2000-238325P 20001005  
US 2000-238372P 20001006  
US 2000-238373P 20001006  
US 2000-238379P 20001006  
US 2000-238382P 20001006  
US 2000-238383P 20001006  
US 2000-238384P 20001006  
US 2000-238397P 20001006  
US 2000-238400P 20001006  
US 2000-238401P 20001006  
US 2000-238402P 20001006  
US 2001-275892P 20010314  
US 2001-296860P 20010608  
DT Patent  
LA English  
OS 2002-444103 [47]  
DESC Novel \*\*\*UNC5\*\*\* receptor-like protein, reverse primer #2.

L2 ANSWER 196 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN ABK92098 DNA DGENE  
TI Novel isolated polypeptide, designated NOVX, useful for treating or preventing cancer, diabetes, obesity, dyslipidaemia, anorexia, and metabolic, neurodegenerative, immune and hematopoietic disorders -  
IN Shimkets R A; Taupier R J; Burgess C E; Zerhusen B D; Mezes P S; Rastelli L; Malyankar U M; Grosse W M; Alsobrook J P; Lepley D M; Spytek K A; Li L; Edinger S; Gerlach V; Ellerman K; Macdougall J; Gunther E; Millet I; Stone D; Smithson G; Szekeres E S  
PA (CURA-N) CURAGEN CORP.  
PI WO 2002029058 A2 20020411 316p  
AI WO 2001-US31248 20011005  
PRAI US 2000-238323P 20001005  
US 2000-238325P 20001005  
US 2000-238372P 20001006  
US 2000-238373P 20001006  
US 2000-238379P 20001006  
US 2000-238382P 20001006  
US 2000-238383P 20001006  
US 2000-238384P 20001006  
US 2000-238397P 20001006  
US 2000-238400P 20001006  
US 2000-238401P 20001006  
US 2000-238402P 20001006  
US 2001-275892P 20010314  
US 2001-296860P 20010608  
DT Patent  
LA English  
OS 2002-444103 [47]  
DESC Novel \*\*\*UNC5\*\*\* receptor-like protein, probe #2.

L2 ANSWER 197 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN ABK92097 DNA DGENE

preventing cancer, diabetes, obesity, dyslipidaemia, anorexia, and metabolic, neurodegenerative, immune and hematopoietic disorders -

IN Shimkets R A; Taupier R J; Burgess C E; Zerhusen B D; Mezes P S; Rastelli L; Malyankar U M; Grosse W M; Alsobrook J P; Lepley D M; Spytek K A; Li L; Edinger S; Gerlach V; Ellerman K; Macdougall J; Gunther E; Millet I; Stone D; Smithson G; Szekeres E S

PA (CURA-N) CURAGEN CORP.

PI WO 2002029058 A2 20020411 316p

AI WO 2001-US31248 20011005

PRAI US 2000-238323P 20001005

US 2000-238325P 20001005

US 2000-238372P 20001006

US 2000-238373P 20001006

US 2000-238379P 20001006

US 2000-238382P 20001006

US 2000-238383P 20001006

US 2000-238384P 20001006

US 2000-238397P 20001006

US 2000-238400P 20001006

US 2000-238401P 20001006

US 2000-238402P 20001006

US 2001-275892P 20010314

US 2001-296860P 20010608

DT Patent

LA English

OS 2002-444103 [47]

DESC Novel \*\*\*UNC5\*\*\* receptor-like protein, forward primer #2.

L2 ANSWER 198 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN

AN ABK92096 DNA DGENE

TI Novel isolated polypeptide, designated NOVX, useful for treating or preventing cancer, diabetes, obesity, dyslipidaemia, anorexia, and metabolic, neurodegenerative, immune and hematopoietic disorders -

IN Shimkets R A; Taupier R J; Burgess C E; Zerhusen B D; Mezes P S; Rastelli L; Malyankar U M; Grosse W M; Alsobrook J P; Lepley D M; Spytek K A; Li L; Edinger S; Gerlach V; Ellerman K; Macdougall J; Gunther E; Millet I; Stone D; Smithson G; Szekeres E S

PA (CURA-N) CURAGEN CORP.

PI WO 2002029058 A2 20020411 316p

AI WO 2001-US31248 20011005

PRAI US 2000-238323P 20001005

US 2000-238325P 20001005

US 2000-238372P 20001006

US 2000-238373P 20001006

US 2000-238379P 20001006

US 2000-238382P 20001006

US 2000-238383P 20001006

US 2000-238384P 20001006

US 2000-238397P 20001006

US 2000-238400P 20001006

US 2000-238401P 20001006

US 2000-238402P 20001006

US 2001-275892P 20010314

US 2001-296860P 20010608

DT Patent

LA English

OS 2002-444103 [47]

DESC Novel \*\*\*UNC5\*\*\* receptor-like protein, reverse primer #1.

L2 ANSWER 199 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN

AN ABK92095 DNA DGENE

TI Novel isolated polypeptide, designated NOVX, useful for treating or preventing cancer, diabetes, obesity, dyslipidaemia, anorexia, and metabolic, neurodegenerative, immune and hematopoietic disorders -

IN Shimkets R A; Taupier R J; Burgess C E; Zerhusen B D; Mezes P S; Rastelli L; Malyankar U M; Grosse W M; Alsobrook J P; Lepley D M; Spytek K A; Li L; Edinger S; Gerlach V; Ellerman K; Macdougall J; Gunther E; Millet I; Stone D; Smithson G; Szekeres E S

PI WO 2002029058 A2 20020411 316p  
 AI WO 2001-US31248 20011005  
 PRAI US 2000-238323P 20001005  
 US 2000-238325P 20001005  
 US 2000-238372P 20001006  
 US 2000-238373P 20001006  
 US 2000-238379P 20001006  
 US 2000-238382P 20001006  
 US 2000-238383P 20001006  
 US 2000-238384P 20001006  
 US 2000-238397P 20001006  
 US 2000-238400P 20001006  
 US 2000-238401P 20001006  
 US 2000-238402P 20001006  
 US 2001-275892P 20010314  
 US 2001-296860P 20010608  
 DT Patent  
 LA English  
 OS 2002-444103 [47]  
 DESC Novel \*\*\*UNC5\*\*\* receptor-like protein, probe #1.

L2 ANSWER 200 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN ABK92094 DNA DGENE  
 TI Novel isolated polypeptide, designated NOVX, useful for treating or preventing cancer, diabetes, obesity, dyslipidaemia, anorexia, and metabolic, neurodegenerative, immune and hematopoietic disorders -  
 IN Shimkets R A; Taupier R J; Burgess C E; Zerhusen B D; Mezes P S; Rastelli L; Malyankar U M; Grosse W M; Alsobrook J P; Lepley D M; Spytek K A; Li L; Edinger S; Gerlach V; Ellerman K; Macdougall J; Gunther E; Millet I; Stone D; Smithson G; Szekeres E S  
 PA (CURA-N) CURAGEN CORP.

PI WO 2002029058 A2 20020411 316p  
 AI WO 2001-US31248 20011005  
 PRAI US 2000-238323P 20001005  
 US 2000-238325P 20001005  
 US 2000-238372P 20001006  
 US 2000-238373P 20001006  
 US 2000-238379P 20001006  
 US 2000-238382P 20001006  
 US 2000-238383P 20001006  
 US 2000-238384P 20001006  
 US 2000-238397P 20001006  
 US 2000-238400P 20001006  
 US 2000-238401P 20001006  
 US 2000-238402P 20001006  
 US 2001-275892P 20010314  
 US 2001-296860P 20010608  
 DT Patent  
 LA English  
 OS 2002-444103 [47]  
 DESC Novel \*\*\*UNC5\*\*\* receptor-like protein, forward primer #1.

L2 ANSWER 201 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN ABK92062 DNA DGENE  
 TI Novel isolated polypeptide, designated NOVX, useful for treating or preventing cancer, diabetes, obesity, dyslipidaemia, anorexia, and metabolic, neurodegenerative, immune and hematopoietic disorders -  
 IN Shimkets R A; Taupier R J; Burgess C E; Zerhusen B D; Mezes P S; Rastelli L; Malyankar U M; Grosse W M; Alsobrook J P; Lepley D M; Spytek K A; Li L; Edinger S; Gerlach V; Ellerman K; Macdougall J; Gunther E; Millet I; Stone D; Smithson G; Szekeres E S  
 PA (CURA-N) CURAGEN CORP.

PI WO 2002029058 A2 20020411 316p  
 AI WO 2001-US31248 20011005  
 PRAI US 2000-238323P 20001005  
 US 2000-238325P 20001005  
 US 2000-238372P 20001006  
 US 2000-238373P 20001006



	US 2000-238382P	20001006	
	US 2000-238383P	20001006	
	US 2000-238384P	20001006	
	US 2000-238397P	20001006	
	US 2000-238400P	20001006	
	US 2000-238401P	20001006	
	US 2000-238402P	20001006	
	US 2001-275892P	20010314	
	US 2001-296860P	20010608	
DT	Patent		
LA	English		
OS	2002-444103 [47]		
CR	P-PSDB: ABG61795		
DESC	DNA encoding novel ***UNC5*** receptor-like protein.		
L2	ANSWER 202 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN		
AN	ABK52895 DNA DGENE		
TI	Novel human netrin binding membrane receptor polypeptide and polynucleotides for identifying modulating agents useful in treating diseases e.g. Parkinson's disease, multiple sclerosis, stroke, Alzheimer's disease -		
IN	Koehler R H		
PA	(FARB) BAYER AG.		
PI	WO 2002033080 A2	20020425	94p
AI	WO 2001-EP11891	20011015	
PRAI	US 2000-240061P	20001016	
DT	Patent		
LA	English		
OS	2002-463314 [49]		
DESC	Human netrin binding membrane receptor ***UNC5H*** -1 DNA sequence #5.		
L2	ANSWER 203 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN		
AN	ABK52894 DNA DGENE		
TI	Novel human netrin binding membrane receptor polypeptide and polynucleotides for identifying modulating agents useful in treating diseases e.g. Parkinson's disease, multiple sclerosis, stroke, Alzheimer's disease -		
IN	Koehler R H		
PA	(FARB) BAYER AG.		
PI	WO 2002033080 A2	20020425	94p
AI	WO 2001-EP11891	20011015	
PRAI	US 2000-240061P	20001016	
DT	Patent		
LA	English		
OS	2002-463314 [49]		
DESC	Human netrin binding membrane receptor ***UNC5H*** -1 DNA sequence #4.		
L2	ANSWER 204 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN		
AN	ABK52893 DNA DGENE		
TI	Novel human netrin binding membrane receptor polypeptide and polynucleotides for identifying modulating agents useful in treating diseases e.g. Parkinson's disease, multiple sclerosis, stroke, Alzheimer's disease -		
IN	Koehler R H		
PA	(FARB) BAYER AG.		
PI	WO 2002033080 A2	20020425	94p
AI	WO 2001-EP11891	20011015	
PRAI	US 2000-240061P	20001016	
DT	Patent		
LA	English		
OS	2002-463314 [49]		
DESC	Human netrin binding membrane receptor ***UNC5H*** -1 DNA sequence #3.		
L2	ANSWER 205 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN		
AN	ABK52892 DNA DGENE		
TI	Novel human netrin binding membrane receptor polypeptide and polynucleotides for identifying modulating agents useful in treating diseases e.g. Parkinson's disease, multiple sclerosis, stroke,		

IN Koehler R H  
 PA (FARB) BAYER AG.  
 PI WO 2002033080 A2 20020425 94p  
 AI WO 2001-EP11891 20011015  
 PRAI US 2000-240061P 20001016  
 DT Patent  
 LA English  
 OS 2002-463314 [49]  
 DESC Human netrin binding membrane receptor \*\*\*UNC5H\*\*\* -1 DNA sequence #2.

L2 ANSWER 206 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN ABK52891 DNA DGENE  
 TI Novel human netrin binding membrane receptor polypeptide and polynucleotides for identifying modulating agents useful in treating diseases e.g. Parkinson's disease, multiple sclerosis, stroke, Alzheimer's disease -

IN Koehler R H  
 PA (FARB) BAYER AG.  
 PI WO 2002033080 A2 20020425 94p  
 AI WO 2001-EP11891 20011015  
 PRAI US 2000-240061P 20001016  
 DT Patent  
 LA English  
 OS 2002-463314 [49]  
 CR P-PSDB: AAU97899  
 DESC Human netrin binding membrane receptor \*\*\*UNC5H\*\*\* -1 DNA sequence #1.

L2 ANSWER 207 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN ABK49430 DNA DGENE  
 TI Novel isolated NOVX polypeptide, and encoded polynucleotide, useful for treating cardiomyopathy, atherosclerosis, and cancer -

IN Herrmann J L; Rastelli L; Shimkets R A  
 PA (CURA-N) CURAGEN CORP.  
 PI WO 2002029038 A2 20020411 180p  
 AI WO 2001-US31377 20011004  
 PRAI US 2000-237862P 20001004  
 DT Patent  
 LA English  
 OS 2002-340104 [37]  
 DESC Human \*\*\*UNC5\*\*\* -like NOV1 reverse PCR primer Ag1395.

L2 ANSWER 208 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN ABK49429 DNA DGENE  
 TI Novel isolated NOVX polypeptide, and encoded polynucleotide, useful for treating cardiomyopathy, atherosclerosis, and cancer -

IN Herrmann J L; Rastelli L; Shimkets R A  
 PA (CURA-N) CURAGEN CORP.  
 PI WO 2002029038 A2 20020411 180p  
 AI WO 2001-US31377 20011004  
 PRAI US 2000-237862P 20001004  
 DT Patent  
 LA English  
 OS 2002-340104 [37]  
 DESC Human \*\*\*UNC5\*\*\* -like NOV1 probe Ag1395.

L2 ANSWER 209 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN ABK49428 DNA DGENE  
 TI Novel isolated NOVX polypeptide, and encoded polynucleotide, useful for treating cardiomyopathy, atherosclerosis, and cancer -

IN Herrmann J L; Rastelli L; Shimkets R A  
 PA (CURA-N) CURAGEN CORP.  
 PI WO 2002029038 A2 20020411 180p  
 AI WO 2001-US31377 20011004  
 PRAI US 2000-237862P 20001004  
 DT Patent  
 LA English  
 OS 2002-340104 [37]  
 DESC Human \*\*\*UNC5\*\*\* -like NOV1 forward PCR primer Ag1395.

L2 ANSWER 210 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN ABK49422 DNA DGENE  
 TI Novel isolated NOVX polypeptide, and encoded polynucleotide, useful for  
 treating cardiomyopathy, atherosclerosis, and cancer -  
 IN Herrmann J L; Rastelli L; Shimkets R A  
 PA (CURA-N) CURAGEN CORP.  
 PI WO 2002029038 A2 20020411 180p  
 AI WO 2001-US31377 20011004  
 PRAI US 2000-237862P 20001004  
 DT Patent  
 LA English  
 OS 2002-340104 [37]  
 CR P-PSDB: AAU79939  
 DESC DNA encoding human \*\*\*UNC5\*\*\* -like protein NOV1.

L2 ANSWER 211 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN AAS16858 DNA DGENE  
 TI Novel chronic animal model of schizophrenia, useful for identifying  
 anti-psychotic drugs and genes that are associated with schizophrenia -  
 IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J  
 PA (WELF-N) WELFIDE CORP.  
 PI WO 2001075440 A2 20011011 79p  
 AI WO 2001-GB1486 20010402  
 PRAI GB 2000-7880 20000331  
 GB 2000-12768 20000526  
 DT Patent  
 LA English  
 OS 2002-010813 [01]  
 DESC Human tumour necrosis factor alpha (TNF-alpha) DNA PCR primer #2.

L2 ANSWER 212 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN AAS16857 DNA DGENE  
 TI Novel chronic animal model of schizophrenia, useful for identifying  
 anti-psychotic drugs and genes that are associated with schizophrenia -  
 IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J  
 PA (WELF-N) WELFIDE CORP.  
 PI WO 2001075440 A2 20011011 79p  
 AI WO 2001-GB1486 20010402  
 PRAI GB 2000-7880 20000331  
 GB 2000-12768 20000526  
 DT Patent  
 LA English  
 OS 2002-010813 [01]  
 DESC Human tumour necrosis factor alpha (TNF-alpha) DNA PCR primer #1.

L2 ANSWER 213 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN AAS16856 DNA DGENE  
 TI Novel chronic animal model of schizophrenia, useful for identifying  
 anti-psychotic drugs and genes that are associated with schizophrenia -  
 IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J  
 PA (WELF-N) WELFIDE CORP.  
 PI WO 2001075440 A2 20011011 79p  
 AI WO 2001-GB1486 20010402  
 PRAI GB 2000-7880 20000331  
 GB 2000-12768 20000526  
 DT Patent  
 LA English  
 OS 2002-010813 [01]  
 DESC Rat tumour necrosis factor alpha (TNF-alpha) DNA PCR primer #2.

L2 ANSWER 214 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN AAS16855 DNA DGENE  
 TI Novel chronic animal model of schizophrenia, useful for identifying  
 anti-psychotic drugs and genes that are associated with schizophrenia -  
 IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J  
 PA (WELF-N) WELFIDE CORP.  
 PI WO 2001075440 A2 20011011 79p  
 AI WO 2001-GB1486 20010402

GB 2000-12768 20000526  
 DT Patent  
 LA English  
 OS 2002-010813 [01]  
 DESC Rat tumour necrosis factor alpha (TNF-alpha) DNA PCR primer #1.

L2 ANSWER 215 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN AAS16854 DNA DGENE  
 TI Novel chronic animal model of schizophrenia, useful for identifying anti-psychotic drugs and genes that are associated with schizophrenia -  
 IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J  
 PA (WELF-N) WELFIDE CORP.  
 PI WO 2001075440 A2 20011011 79p  
 AI WO 2001-GB1486 20010402  
 PRAI GB 2000-7880 20000331  
 GB 2000-12768 20000526

DT Patent  
 LA English  
 OS 2002-010813 [01]  
 DESC Rat CIRL-3 variant AA PCR primer #2.

L2 ANSWER 216 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN AAS16853 DNA DGENE  
 TI Novel chronic animal model of schizophrenia, useful for identifying anti-psychotic drugs and genes that are associated with schizophrenia -  
 IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J  
 PA (WELF-N) WELFIDE CORP.  
 PI WO 2001075440 A2 20011011 79p  
 AI WO 2001-GB1486 20010402  
 PRAI GB 2000-7880 20000331  
 GB 2000-12768 20000526

DT Patent  
 LA English  
 OS 2002-010813 [01]  
 DESC Rat CIRL-3 variant AA PCR primer #1.

L2 ANSWER 217 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN AAS16852 DNA DGENE  
 TI Novel chronic animal model of schizophrenia, useful for identifying anti-psychotic drugs and genes that are associated with schizophrenia -  
 IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J  
 PA (WELF-N) WELFIDE CORP.  
 PI WO 2001075440 A2 20011011 79p  
 AI WO 2001-GB1486 20010402  
 PRAI GB 2000-7880 20000331  
 GB 2000-12768 20000526

DT Patent  
 LA English  
 OS 2002-010813 [01]  
 DESC Rat CIRL-2 variant AB PCR primer #2.

L2 ANSWER 218 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN AAS16851 DNA DGENE  
 TI Novel chronic animal model of schizophrenia, useful for identifying anti-psychotic drugs and genes that are associated with schizophrenia -  
 IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J  
 PA (WELF-N) WELFIDE CORP.  
 PI WO 2001075440 A2 20011011 79p  
 AI WO 2001-GB1486 20010402  
 PRAI GB 2000-7880 20000331  
 GB 2000-12768 20000526

DT Patent  
 LA English  
 OS 2002-010813 [01]  
 DESC Rat CIRL-2 variant AB PCR primer #1.

L2 ANSWER 219 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN AAS16850 DNA DGENE

anti-psychotic drugs and genes that are associated with schizophrenia -  
IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J  
PA (WELF-N) WELFIDE CORP.  
PI WO 2001075440 A2 20011011 79p  
AI WO 2001-GB1486 20010402  
PRAI GB 2000-7880 20000331  
GB 2000-12768 20000526  
DT Patent  
LA English  
OS 2002-010813 [01]  
DESC Rat calcium-independent alpha-latrotoxin receptor 1 PCR primer #4.

L2 ANSWER 220 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN AAS16849 DNA DGENE  
TI Novel chronic animal model of schizophrenia, useful for identifying  
anti-psychotic drugs and genes that are associated with schizophrenia -  
IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J  
PA (WELF-N) WELFIDE CORP.  
PI WO 2001075440 A2 20011011 79p  
AI WO 2001-GB1486 20010402  
PRAI GB 2000-7880 20000331  
GB 2000-12768 20000526  
DT Patent  
LA English  
OS 2002-010813 [01]  
DESC Rat calcium-independent alpha-latrotoxin receptor 1 PCR primer #3.

L2 ANSWER 221 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN AAS16848 DNA DGENE  
TI Novel chronic animal model of schizophrenia, useful for identifying  
anti-psychotic drugs and genes that are associated with schizophrenia -  
IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J  
PA (WELF-N) WELFIDE CORP.  
PI WO 2001075440 A2 20011011 79p  
AI WO 2001-GB1486 20010402  
PRAI GB 2000-7880 20000331  
GB 2000-12768 20000526  
DT Patent  
LA English  
OS 2002-010813 [01]  
DESC Rat calcium-independent alpha-latrotoxin receptor 1 PCR primer #2.

L2 ANSWER 222 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN AAS16847 DNA DGENE  
TI Novel chronic animal model of schizophrenia, useful for identifying  
anti-psychotic drugs and genes that are associated with schizophrenia -  
IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J  
PA (WELF-N) WELFIDE CORP.  
PI WO 2001075440 A2 20011011 79p  
AI WO 2001-GB1486 20010402  
PRAI GB 2000-7880 20000331  
GB 2000-12768 20000526  
DT Patent  
LA English  
OS 2002-010813 [01]  
DESC Human calcium-independent alpha-latrotoxin receptor 1 PCR primer #1.

L2 ANSWER 223 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN AAS16846 cDNA DGENE  
TI Novel chronic animal model of schizophrenia, useful for identifying  
anti-psychotic drugs and genes that are associated with schizophrenia -  
IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J  
PA (WELF-N) WELFIDE CORP.  
PI WO 2001075440 A2 20011011 79p  
AI WO 2001-GB1486 20010402  
PRAI GB 2000-7880 20000331  
GB 2000-12768 20000526  
DT Patent

OS 2002-010813 [01]  
CR P-PSDB: AAU10546  
DESC Rat tumour necrosis factor (TNF) alpha (YSG10) cDNA.

L2 ANSWER 224 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN AAS16845 cDNA DGENE  
TI Novel chronic animal model of schizophrenia, useful for identifying  
anti-psychotic drugs and genes that are associated with schizophrenia -  
IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J  
PA (WELF-N) WELFIDE CORP.  
PI WO 2001075440 A2 20011011 79p  
AI WO 2001-GB1486 20010402  
PRAI GB 2000-7880 20000331  
GB 2000-12768 20000526  
DT Patent  
LA English  
OS 2002-010813 [01]  
CR P-PSDB: AAU10545  
DESC Rat synapsin 1B (YSG8) cDNA.

L2 ANSWER 225 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN AAS16844 cDNA DGENE  
TI Novel chronic animal model of schizophrenia, useful for identifying  
anti-psychotic drugs and genes that are associated with schizophrenia -  
IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J  
PA (WELF-N) WELFIDE CORP.  
PI WO 2001075440 A2 20011011 79p  
AI WO 2001-GB1486 20010402  
PRAI GB 2000-7880 20000331  
GB 2000-12768 20000526  
DT Patent  
LA English  
OS 2002-010813 [01]  
CR P-PSDB: AAU10544  
DESC Rat synapsin 1A (YSG8) cDNA.

L2 ANSWER 226 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN AAS16843 cDNA DGENE  
TI Novel chronic animal model of schizophrenia, useful for identifying  
anti-psychotic drugs and genes that are associated with schizophrenia -  
IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J  
PA (WELF-N) WELFIDE CORP.  
PI WO 2001075440 A2 20011011 79p  
AI WO 2001-GB1486 20010402  
PRAI GB 2000-7880 20000331  
GB 2000-12768 20000526  
DT Patent  
LA English  
OS 2002-010813 [01]  
CR P-PSDB: AAU10543  
DESC Rat netrin receptor \*\*\*UNC5H1\*\*\* (YSG7) cDNA.

L2 ANSWER 227 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN AAS16842 cDNA DGENE  
TI Novel chronic animal model of schizophrenia, useful for identifying  
anti-psychotic drugs and genes that are associated with schizophrenia -  
IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J  
PA (WELF-N) WELFIDE CORP.  
PI WO 2001075440 A2 20011011 79p  
AI WO 2001-GB1486 20010402  
PRAI GB 2000-7880 20000331  
GB 2000-12768 20000526  
DT Patent  
LA English  
OS 2002-010813 [01]  
CR P-PSDB: AAU10542  
DESC Human epithelial discoidin domain receptor 1 (YSG5) trkE cDNA.

AN AAS16841 cDNA DGENE  
 TI Novel chronic animal model of schizophrenia, useful for identifying  
 anti-psychotic drugs and genes that are associated with schizophrenia -  
 IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J  
 PA (WELF-N) WELFIDE CORP.  
 PI WO 2001075440 A2 20011011 79p  
 AI WO 2001-GB1486 20010402  
 PRAI GB 2000-7880 20000331  
 GB 2000-12768 20000526  
 DT Patent  
 LA English  
 OS 2002-010813 [01]  
 CR P-PSDB: AAU10541  
 DESC Rat CIRL-3 variant BA (YSG2) cDNA.

L2 ANSWER 229 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN AAS16840 cDNA DGENE  
 TI Novel chronic animal model of schizophrenia, useful for identifying  
 anti-psychotic drugs and genes that are associated with schizophrenia -  
 IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J  
 PA (WELF-N) WELFIDE CORP.  
 PI WO 2001075440 A2 20011011 79p  
 AI WO 2001-GB1486 20010402  
 PRAI GB 2000-7880 20000331  
 GB 2000-12768 20000526  
 DT Patent  
 LA English  
 OS 2002-010813 [01]  
 CR P-PSDB: AAU10540  
 DESC Rat CIRL-2 variant BC (YSG2) cDNA.

L2 ANSWER 230 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN AAS16839 cDNA DGENE  
 TI Novel chronic animal model of schizophrenia, useful for identifying  
 anti-psychotic drugs and genes that are associated with schizophrenia -  
 IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J  
 PA (WELF-N) WELFIDE CORP.  
 PI WO 2001075440 A2 20011011 79p  
 AI WO 2001-GB1486 20010402  
 PRAI GB 2000-7880 20000331  
 GB 2000-12768 20000526  
 DT Patent  
 LA English  
 OS 2002-010813 [01]  
 CR P-PSDB: AAU10539  
 DESC Rat CIRL-1 variant BB (YSG2) cDNA.

L2 ANSWER 231 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN AAS16838 cDNA DGENE  
 TI Novel chronic animal model of schizophrenia, useful for identifying  
 anti-psychotic drugs and genes that are associated with schizophrenia -  
 IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J  
 PA (WELF-N) WELFIDE CORP.  
 PI WO 2001075440 A2 20011011 79p  
 AI WO 2001-GB1486 20010402  
 PRAI GB 2000-7880 20000331  
 GB 2000-12768 20000526  
 DT Patent  
 LA English  
 OS 2002-010813 [01]  
 CR P-PSDB: AAU10538  
 DESC Rat phosphodiesterase 1-alpha (YSG1) cDNA.

L2 ANSWER 232 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
 AN AAS16837 cDNA DGENE  
 TI Novel chronic animal model of schizophrenia, useful for identifying  
 anti-psychotic drugs and genes that are associated with schizophrenia -  
 IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J

PI WO 2001075440 A2 20011011 79p  
AI WO 2001-GB1486 20010402  
PRAI GB 2000-7880 20000331  
GB 2000-12768 20000526  
DT Patent  
LA English  
OS 2002-010813 [01]  
DESC Rat YSG9 cDNA.

L2 ANSWER 233 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN AAS16836 cDNA DGENE  
TI Novel chronic animal model of schizophrenia, useful for identifying  
anti-psychotic drugs and genes that are associated with schizophrenia -  
IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J

PA (WELF-N) WELFIDE CORP.  
PI WO 2001075440 A2 20011011 79p  
AI WO 2001-GB1486 20010402  
PRAI GB 2000-7880 20000331  
GB 2000-12768 20000526

DT Patent  
LA English  
OS 2002-010813 [01]  
DESC Rat YSG6 cDNA.

L2 ANSWER 234 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN AAS16835 cDNA DGENE  
TI Novel chronic animal model of schizophrenia, useful for identifying  
anti-psychotic drugs and genes that are associated with schizophrenia -  
IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J

PA (WELF-N) WELFIDE CORP.  
PI WO 2001075440 A2 20011011 79p  
AI WO 2001-GB1486 20010402  
PRAI GB 2000-7880 20000331  
GB 2000-12768 20000526

DT Patent  
LA English  
OS 2002-010813 [01]  
DESC Rat YSG4 cDNA.

L2 ANSWER 235 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN AAS16834 cDNA DGENE  
TI Novel chronic animal model of schizophrenia, useful for identifying  
anti-psychotic drugs and genes that are associated with schizophrenia -  
IN Cochran S; Paterson G; Ohashi Y; Morris B; Pratt J

PA (WELF-N) WELFIDE CORP.  
PI WO 2001075440 A2 20011011 79p  
AI WO 2001-GB1486 20010402  
PRAI GB 2000-7880 20000331  
GB 2000-12768 20000526

DT Patent  
LA English  
OS 2002-010813 [01]  
DESC Rat YSG3 cDNA.

L2 ANSWER 236 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN ABA08368 cDNA DGENE  
TI Human proteins and DNA encoding sequences useful for preventing, treating  
or ameliorating a medical condition in a mammalian subject e.g. arthritis  
and cancer -

IN Tang Y T; Liu C; Drmanac R T  
PA (HYSE-N) HYSEQ INC.  
PI WO 2001057188 A2 20010809 999p  
AI WO 2001-US3800 20010205  
PRAI US 2000-496914 20000203  
US 2000-560875 20000427

DT Patent  
LA English  
OS 2001-457740 [49]



DESC Human transmembrane receptor \*\*\*UNC5H2\*\*\* homologue cDNA, SEQ ID NO:144.

L2 ANSWER 237 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN AAV52940 cDNA DGENE  
TI Netrin-binding, vertebrate proteins - useful for diagnosis, therapy and the biopharmaceutical industry  
IN Tessier-lavigne M; Leonardo E D; Hinck L; Masu M; Keinomasu K  
PA (REGC) UNIV CALIFORNIA.  
PI WO 9837085 A1 19980827 32p  
AI WO 1998-US3143 19980219  
PRAI US 1997-808982 19970219  
DT Patent  
LA English  
OS 1998-495364 [42]  
CR P-PSDB: AAW78898  
DESC Rat UNC-5 homologue \*\*\*unc5h\*\*\* -1 cDNA.

L2 ANSWER 238 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN AAV52943 cDNA DGENE  
TI Netrin-binding, vertebrate proteins - useful for diagnosis, therapy and the biopharmaceutical industry  
IN Tessier-lavigne M; Leonardo E D; Hinck L; Masu M; Keinomasu K  
PA (REGC) UNIV CALIFORNIA.  
PI WO 9837085 A1 19980827 32p  
AI WO 1998-US3143 19980219  
PRAI US 1997-808982 19970219  
DT Patent  
LA English  
OS 1998-495364 [42]  
CR P-PSDB: AAW78901  
DESC Human UNC-5 homologue \*\*\*unc5h\*\*\* -2 cDNA.

L2 ANSWER 239 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN AAV52941 cDNA DGENE  
TI Netrin-binding, vertebrate proteins - useful for diagnosis, therapy and the biopharmaceutical industry  
IN Tessier-lavigne M; Leonardo E D; Hinck L; Masu M; Keinomasu K  
PA (REGC) UNIV CALIFORNIA.  
PI WO 9837085 A1 19980827 32p  
AI WO 1998-US3143 19980219  
PRAI US 1997-808982 19970219  
DT Patent  
LA English  
OS 1998-495364 [42]  
CR P-PSDB: AAW78899  
DESC Human UNC-5 homologue \*\*\*unc5h\*\*\* -1 cDNA.

L2 ANSWER 240 OF 313 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
AN AAV52942 cDNA DGENE  
TI Netrin-binding, vertebrate proteins - useful for diagnosis, therapy and the biopharmaceutical industry  
IN Tessier-lavigne M; Leonardo E D; Hinck L; Masu M; Keinomasu K  
PA (REGC) UNIV CALIFORNIA.  
PI WO 9837085 A1 19980827 32p  
AI WO 1998-US3143 19980219  
PRAI US 1997-808982 19970219  
DT Patent  
LA English  
OS 1998-495364 [42]  
CR P-PSDB: AAW78900  
DESC Rat UNC-5 homologue \*\*\*unc5h\*\*\* -2 cDNA.

L2 ANSWER 241 OF 313 FEDRIP COPYRIGHT 2005 NTIS on STN  
AN 2005:221497 FEDRIP  
NR CRISP 5R01NS045093-02  
TI Mechanism of apoptosis induction by the receptor DCC  
SF Principal Investigator: BREDESEN, DALE E; DBREDESEN@BUCKINSTITUTE.ORG,

CSP BUCK INSTITUTE FOR AGE RESEARCH, NOVATO, CALIFORNIA  
CSS Supported By: NATIONAL INSTITUTE OF NEUROLOGICAL DISORDERS AND STROKE  
DB 2002 (/01/03)  
FYR 2004  
DE 2001 (/31/08)  
FU Noncompeting Continuation (Type 5)  
FS National Institutes of Health

L2 ANSWER 242 OF 313 FEDRIP COPYRIGHT 2005 NTIS on STN  
AN 2005:220800 FEDRIP  
NR CRISP 5R01NS042823-03  
TI Molecular Mechanism of Axon Guidance by Second Messenger  
SF Principal Investigator: HONG, KYONSOO; HONGK02@MED.NYU.EDU, NEW YORK UNIVERSITY, 550 FIRST AVENUE, NEW YORK, NY 10016  
CSP NEW YORK UNIVERSITY SCHOOL OF MEDICINE, NEW YORK, NEW YORK  
CSS Supported By: NATIONAL INSTITUTE OF NEUROLOGICAL DISORDERS AND STROKE  
DB 2007 (/15/02)  
FYR 2004  
DE 2005 (/31/07)  
FU Noncompeting Continuation (Type 5)  
FS National Institutes of Health

L2 ANSWER 243 OF 313 FEDRIP COPYRIGHT 2005 NTIS on STN  
AN 2005:219942 FEDRIP  
NR CRISP 5R01NS039572-04  
TI CHEMOREPULSION MEDIATED NETRIN RECEPTORS \*\*\*UNC5H\*\*\* AND DCC  
SF Principal Investigator: HINCK, LINDSAY E; UNIV OF CALIFORNIA SAN FRANCISCO, 513 PARNASSUS AVENUE, SAN FRANCISCO, CA 94143  
CSP UNIVERSITY OF CALIFORNIA SANTA CRUZ, SANTA CRUZ, CALIFORNIA  
CSS Supported By: NATIONAL INSTITUTE OF NEUROLOGICAL DISORDERS AND STROKE  
DB 2003 (/09/00)  
FYR 2003  
DE 2002 (/28/05)  
FU Noncompeting Continuation (Type 5)  
FS National Institutes of Health

L2 ANSWER 244 OF 313 FEDRIP COPYRIGHT 2005 NTIS on STN  
AN 2005:193683 FEDRIP  
NR CRISP 5R01GM040613-14  
TI Molecular Genetics of Drosophila Neural Development  
SF Principal Investigator: THOMAS, JOHN B; JTHOMAS@SALK.EDU, SALK INST FOR BIOLOGICAL STUDIES, PO BOX 85800, SAN DIEGO, CA 92186  
CSP SALK INSTITUTE FOR BIOLOGICAL STUDIES, LA JOLLA, CALIFORNIA  
CSS Supported By: NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES  
DB 2004 (/01/90)  
FYR 2004  
DE 2003 (/31/06)  
FU Noncompeting Continuation (Type 5)  
FS National Institutes of Health

L2 ANSWER 245 OF 313 GENBANK.RTM. COPYRIGHT 2005 on STN

LOCUS (LOC): DN246474 GenBank (R)  
GenBank ACC. NO. (GBN): DN246474  
GenBank VERSION (VER): DN246474.1 GI:60408929  
CAS REGISTRY NO. (RN): 843185-32-0  
SEQUENCE LENGTH (SQL): 903  
MOLECULE TYPE (CI): mRNA; linear  
DIVISION CODE (CI): Expressed sequence tag  
DATE (DATE): 1 Mar 2005  
DEFINITION (DEF): ACAE-aaa54k07.b1 Hydra EST UCI 5 Hydra magnipapillata cDNA 3' similar to ref|NP\_071542.1| transmembrane receptor \*\*\*Unc5H1\*\*\* [Rattus norvegicus] >gb|AAB57678.1| transmembrane receptor \*\*\*UNC5H1\*\*\* [Rattus norvegicus], mRNA sequence.  
KEYWORDS (ST): EST  
SOURCE: Hydra magnipapillata  
ORGANISM (ORGN): Hydra magnipapillata

## COMMENT:

Contact: Hans Bode  
 WashU Hydra EST Project  
 Washington University School of Medicine  
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108, USA  
 Tel: 314 286 1800  
 Fax: 314 286 1810  
 Email: est@watson.wustl.edu  
 Library material provided by Hans Bode & Dirk Lindgens, Univ. of Calif., Irvine Library constructed by Dirk Lindgens, Univ. of Calif. Irvine Library sequenced by Washington University Genome Sequencing Center For information on obtaining a clone please contact: Hans Bode (hrbode@uci.edu)  
 COMM possible reversed clone; protein similarity on negative strand  
 Seq primer: degenerate primer.

## REFERENCE:

1 (bases 1 to 903)  
 AUTHOR (AU): Bode,H.; Blumberg,B.; Steele,R.; Wigge,P.; Gee,L.; Nguyen,Q.; Martinez,D.; Kibler,D.; Hampson,S.; Clifton,S.; Pape,D.; Marra,M.; Hillier,L.; Martin,J.; Wylie,T.; Dante,M.; Theising,B.; Bowers,Y.; Gibbons,M.; Ritter,E.; Bennett,J.; Ronko,I.; Tsagareishvili,R.; Maguire,L.; Kennedy,S.; Waterston,R.; Wilson,R.  
 TITLE (TI): WashU Hydra EST Project  
 JOURNAL (SO): Unpublished (2002)

## FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..903	/organism="Hydra magnipapillata" /mol-type="mRNA" /strain="105" /db-xref="taxon:6085" /lab-host="DH10B" /clone-lib="Hydra EST UCI 5" /note="Vector: pSPORT1; Site-1: Not I; Site-2: Sal I; a.1st strand cDNA was primed with a Not I primer-adapter (5' - pGACTAGTTCTAGATCGCGAGCGGCCGCCC(T) 1 5-3') b.Double-stranded cDNA was ligated to Sal I adapter, digested with Not I and cloned into the pSPORT 1-vector pre-cut with Not I and Sal I. c.The ligation mix was transformed into DH10B cells. d.The cells were grown in SOC = 5g yeast, 20g tryptone, 0.5 g NaCl, 10 mM MgSO4, 10 mM MgCl, 0.2% glucose/Liter, (no antibiotic). e.DMSO was added to a final conc. of 10% as a cryoprotectant.and frozen f.The titre before freezing was determined as ~2400/100 ul. Assuming a 10% loss upon freezing, the titre is probably ~2100/ 100 ul. g.9 tubes each containing ~ 2100 clones/100 ul [ = total of ~19,000] are enclosed. h.The frequency of vectors containing inserts is 96% as determined by digestion check after picking 24 clones, miniprep and subsequent digestion with Not I and Sal I. i.A low level of 32P was used in the cDNA synthesis procedure. The level measured by holding a Geiger Counter next to a tube was back

## SEQUENCE (SEQ):

```

1 ctctcttcat aaaagtaatg taaacattct ttgatattaa atcagtatca aatattttata
61 ttttatatat ttagacaatg tataataaaa taaataattc aatcaaattt gtaaaacata
121 taaagtctgt tatccactgc agtaatactg tacttcaagg tatttgtaaa ttccccaaca
181 tgggtctcca aaaacttcat taccagctct gacactacag gctgcttggt tttgacatct
241 acttgtaaca acgttgcgag agttccattc atttccacag tttctattcc aacgattagg
301 ccactctgta catatatggt ctgctcttct cccataatta gctgagctta tttgtatagt
361 tcctcttcca tagcaattta tattaagatc ttcagtctga caggctattg cagattgagt
421 tgggcactga gtataacaat taatctgttc actagatggg ccaaatacat cacagtttct
481 tccaccattt gctgggtgaag gtgagtcaca ttgtcttggt ctgggtcgag taccttgtcc
541 acaatctttt gagcaactgc tgtaactaga ccattgtcca tatccaccat taactggaca
601 tgggtacaaag gggcatgctg tagtcattgt atcaagtcct tcacaggcct taccaccata
661 ttgtggtgct ggatttgtag aagacctttt tcttgattta agtgtagaac cacaactttg
721 actgcactca ctgaatgggt cccattcact ccaactttcc atcaatgggg caatcaacaa
781 tttttgcaaa agtttggttc aactgttggt tccgacacaa tccttttcca ccatatgcag
841 gttcagcctg atcacacttt tcttggtcgg agtcctgtta cctccatccc caccatatac
901 tgt

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L2 ANSWER 246 OF 313 GENBANK.RTM. COPYRIGHT 2005 on STN

LOCUS (LOC): DN245620 GenBank (R)  
 GenBank ACC. NO. (GBN): DN245620  
 GenBank VERSION (VER): DN245620.1 GI:60408075  
 CAS REGISTRY NO. (RN): 843176-78-3  
 SEQUENCE LENGTH (SQL): 737  
 MOLECULE TYPE (CI): mRNA; linear  
 DIVISION CODE (CI): Expressed sequence tag  
 DATE (DATE): 1 Mar 2005  
 DEFINITION (DEF): ACAE-aaa28b15.b1 Hydra EST UCI 5 Hydra magnipapillata  
 cDNA 3' similar to ref|NP\_071542.1| transmembrane  
 receptor \*\*\*Unc5H1\*\*\* [Rattus norvegicus]  
 >gb|AAB57678.1| transmembrane receptor \*\*\*UNC5H1\*\*\*  
 [Rattus norvegicus], mRNA sequence.

KEYWORDS (ST): EST  
 SOURCE: Hydra magnipapillata  
 ORGANISM (ORGN): Hydra magnipapillata  
 Eukaryota; Metazoa; Cnidaria; Hydrozoa; Hydroida;  
 Anthomedusae; Hydridae; Hydra

## COMMENT:

Contact: Hans Bode  
 WashU Hydra EST Project  
 Washington University School of Medicine  
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108, USA  
 Tel: 314 286 1800  
 Fax: 314 286 1810  
 Email: est@watson.wustl.edu  
 Library material provided by Hans Bode & Dirk Lindgens, Univ. of  
 Calif., Irvine Library constructed by Dirk Lindgens, Univ. of  
 Calif. Irvine Library sequenced by Washington University Genome  
 Sequencing Center For information on obtaining a clone please  
 contact: Hans Bode (hrbode@uci.edu)  
 COMM possible reversed clone; protein similarity on negative strand  
 Seq primer: degenerate primer.

REFERENCE: 1 (bases 1 to 737)  
 AUTHOR (AU): Bode,H.; Blumberg,B.; Steele,R.; Wigge,P.; Gee,L.;  
 Nguyen,Q.; Martinez,D.; Kibler,D.; Hampson,S.;  
 Clifton,S.; Pape,D.; Marra,M.; Hillier,L.; Martin,J.;  
 Wylie,T.; Dante,M.; Theising,B.; Bowers,Y.; Gibbons,M.;  
 Ritter,E.; Bennett,J.; Ronko,I.; Tsagareishvili,R.;  
 Maguire,L.; Kennedy,S.; Waterston,R.; Wilson,R.  
 TITLE (TI): WashU Hydra EST Project  
 JOURNAL (SO): Unpublished (2002)

## FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..737	/organism="Hydra magnipapillata" /mol-type="mRNA"

/db-xref="taxon:6085"  
 /lab-host="DH10B"  
 /clone-lib="Hydra EST UCI 5"  
 /note="Vector: pSPORT1; Site-1:  
 Not I; Site-2: Sal I; a.1st strand  
 cDNA was primed with a Not I  
 primer-adapter (5' -  
 pGACTAGTTCTAGATCGCGAGCGGCCGCCC(T)1  
 5-3') b.Double-stranded cDNA was  
 ligated to Sal I adapter, digested  
 with Not I and cloned into the  
 pSPORT 1-vector pre-cut with Not I  
 and Sal I. c.The ligation mix was  
 transformed into DH10B cells.  
 d.The cells were grown in SOC = 5g  
 yeast, 20g tryptone, 0.5 g NaCl,  
 10 mM MgSO4, 10 mM MgCl, 0.2%  
 glucose/Liter, (no antibiotic).  
 e.DMSO was added to a final conc.  
 of 10% as a cryoprotectant.and  
 frozen f.The titre before freezing  
 was determined as ~2400/100 ul.  
 Assuming a 10% loss upon freezing,  
 the titre is probably ~2100/ 100  
 ul. g.9 tubes each containing ~  
 2100 clones/100 ul [ = total of  
 ~19,000] are enclosed. h.The  
 frequency of vectors containing  
 inserts is 96% as determined by  
 digestion check after picking 24  
 clones, miniprep and subsequent  
 digestion with Not I and Sal I.  
 i.A low level of 32P was used in  
 the cDNA synthesis procedure. The  
 level measured by holding a Geiger  
 Counter next to a tube was back

SEQUENCE (SEQ):

```

1 attcataaaa gtaattttaa cattctttga tattaaatca gtatcaaata tcataaaaaa
61 tatattttaga caatgtataa taaaataaat aattcatata agagagatct tcgtaaaaca
121 tataaagtct gttatccact gcagtaatac tgtacttcaa ggtatttgta aattaccgaa
181 aatgggtctc caaaaacttc attaccagct ctgacactac aggctgcttg gttttgacat
241 ctacttgtaa caacgttgcg agagtccat tcatttccac agtttctatt ccaacgatta
301 ggccatcttg tacatatatg gtctgctctt ctcccataat tagctgcgct tatttgata
361 gttcctcttc catagcaatt tatattaaga tcttcagcct cacaggctac tgccgattga
421 gttggggcact gagtataaca attaattctgt tctactagatg gtccaaatac atcacagttt
481 cttccaccat ttgctggtga aggtgagtca cattgtcttg ttctggttcg agtaccttgt
541 ccacaatctt ttgagcaact gctgtaacta gaccattgtc catatccacc attaactgga
601 catggtacaa aggggcatgc tgtagtcatt gtatcaagtc cttcacaggc cttaccacca
661 tattgtggtg ctgggtttgt acaagacctt tttcttgatt taagtgtaga accacaaact
721 ttgaccgcac tcactaa
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L2 ANSWER 247 OF 313 GENBANK.RTM. COPYRIGHT 2005 on STN

LOCUS (LOC): DN241235 GenBank (R)  
 GenBank ACC. NO. (GBN): DN241235  
 GenBank VERSION (VER): DN241235.1 GI:60403680  
 CAS REGISTRY NO. (RN): 843132-93-4  
 SEQUENCE LENGTH (SQL): 733  
 MOLECULE TYPE (CI): mRNA; linear  
 DIVISION CODE (CI): Expressed sequence tag  
 DATE (DATE): 1 Mar 2005  
 DEFINITION (DEF): ACAD-aaa80j12.g1 Hydra EST UCI-8 Hydra magnipapillata  
 cDNA 5' similar to gb|AA067275.1| \*\*\*UNC5\*\*\* -like  
 protein 3 [Gallus gallus], mRNA sequence.  
 KEYWORDS (ST): EST  
 SOURCE: Hydra magnipapillata  
 ORGANISM (ORGN): Hydra magnipapillata

## COMMENT:

Contact: Hans Bode  
 WashU Hydra EST Project  
 Washington University School of Medicine  
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108, USA  
 Tel: 314 286 1800  
 Fax: 314 286 1810  
 Email: est@watson.wustl.edu  
 Library material provided by Hans Bode & Dirk Lindgens, Univ. of Calif., Irvine Library constructed by Dirk Lindgens, Univ. of Calif. Irvine Library sequenced by Washington University Genome Sequencing Center For information on obtaining a clone please contact: Hans Bode (hrbode@uci.edu)  
 original QR value of 898 was extended to value 899 (,)  
 Seq primer: -40RP from Gibco.

## REFERENCE:

1 (bases 1 to 733)  
 AUTHOR (AU): Bode,H.; Blumberg,B.; Steele,R.; Wigge,P.; Gee,L.;  
 Nguyen,Q.; Martinez,D.; Kibler,D.; Hampson,S.;  
 Clifton,S.; Pape,D.; Marra,M.; Hillier,L.; Martin,J.;  
 Wylie,T.; Dante,M.; Theising,B.; Bowers,Y.; Gibbons,M.;  
 Ritter,E.; Bennett,J.; Ronko,I.; Tsagareishvili,R.;  
 Maguire,L.; Kennedy,S.; Waterston,R.; Wilson,R.  
 TITLE (TI): WashU Hydra EST Project  
 JOURNAL (SO): Unpublished (2002)

## FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..733	/organism="Hydra magnipapillata" /mol-type="mRNA" /db-xref="taxon:6085" /tissue-type="whole animal, alsterpauillone treated" /dev-stage="adult animals" /lab-host="DH10B" /clone-lib="Hydra-EST-UCI-8" /note="Vector: pSPORT1; Site-1: Not I; Site-2: Sal I; a. 1st strand cDNA was primed with a Not I primer-adapter (5' ? pGACTAGTTCTAGATCGCGAGCGGCCGCCC(T)1 5-3') b. Double-stranded cDNA was ligated to Sal I adapter, digested with Not I and cloned into the pSPORT 1-vector pre-cut with Not I and Sal I. c. The ligation mix was transformed into DH10B cells. d. The cells were grown in SOC = 5g yeast, 20g tryptone, 0.5 g NaCl, 10 mM MgSO4, 10 mM MgCl, 0.2% glucose / Liter, (no antibiotic). e. DMSO was added to a final conc. of 10% as a cryoprotectant and frozen f. The titre before freezing was determined as ~6000/ 100 ul. Assuming a 10% loss upon freezing, the titre is probably ~5400/100 ul. g. 3 tubes each containing ~ 5400 clones/ul [ = total of ~ 16,200] are enclosed. h. The frequency of vectors containing inserts is 95% as determined by digestion check after picking 20 clones, miniprep and subsequent digestion with Not I and Sal I. i. A low level of 32P was used in the

level measured by holding a Geiger  
Counter next to a tube was back

SEQUENCE (SEQ):

```
1  cccacgcgtc  cggttagttt  ctataaatat  tgttttgata  aaatgaattg  gaaaattttc
61  atcctatgtt  tggcatttca  acttcaagaa  agttcaactc  aggatttaag  taattgggtc
121 gaatggggaa  gatgctcctc  tacttgtcaa  ctggatatga  taccaaaaga  aactaggaca
181 cgcagttgtt  cacctgattc  tttaaatgat  tgtaacgatg  aaccattgat  tgaatatcgt
241 aattgtaagg  aaaagggttc  ttgtccagga  cgtttaagtg  tttggacaaa  ttggggacca
301 tgttctgcta  cttgtcaaga  gcgtggctct  gaaccattcc  aaaaaagaac  ccgcacctgt
361 acagacactt  cttttttcgg  taactgtggt  ggaactttat  tatcggacct  gcaattttgc
421 aatattcaag  ttccttgctc  aggtacttta  agtgaatgga  aggaatgggg  aatatgttct
481 tgtcaactgg  gtgaaactaa  accatcgcaa  caaagacgac  gcacctgtaa  aggcgcttct
541 tatgggtgga  attgtcacia  taaactgtta  aaggaagttc  gagtttgtaa  agatttggtc
601 gcttggtcaa  aagtataaag  tgaagatcat  gagaaacgaa  attatcaatt  ttgatgttaa
661 agaattgcga  ttaagaacaa  gataataatc  gaaaataata  agtgtagcaa  aaaaaaaaaa
721 aaaaggcggc  cgc
```

L2 ANSWER 248 OF 313 GENBANK.RTM. COPYRIGHT 2005 on STN

LOCUS (LOC): DN138209 GenBank (R)  
GenBank ACC. NO. (GBN): DN138209  
GenBank VERSION (VER): DN138209.1 GI:59832526  
CAS REGISTRY NO. (RN): 837205-85-3  
SEQUENCE LENGTH (SQL): 906  
MOLECULE TYPE (CI): mRNA; linear  
DIVISION CODE (CI): Expressed sequence tag  
DATE (DATE): 15 Feb 2005  
DEFINITION (DEF): ACAE-aaa15o20.b3 Hydra EST UCI 5 Hydra magnipapillata  
cDNA 3' similar to ref|NP\_071542.1| transmembrane  
receptor \*\*\*Unc5H1\*\*\* [Rattus norvegicus]  
>gb|AAB57678.1| transmembrane receptor \*\*\*UNC5H1\*\*\*  
[Rattus norvegicus], mRNA sequence.  
KEYWORDS (ST): EST  
SOURCE: Hydra magnipapillata  
ORGANISM (ORGN): Hydra magnipapillata  
Eukaryota; Metazoa; Cnidaria; Hydrozoa; Hydroida;  
Anthomedusae; Hydridae; Hydra

COMMENT:

Contact: Hans Bode  
WashU Hydra EST Project  
Washington University School of Medicine  
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108, USA  
Tel: 314 286 1800  
Fax: 314 286 1810  
Email: est@watson.wustl.edu  
Library material provided by Hans Bode & Dirk Lindgens, Univ. of  
Calif., Irvine Library constructed by Dirk Lindgens, Univ. of  
Calif. Irvine Library sequenced by Washington University Genome  
Sequencing Center For information on obtaining a clone please  
contact: Hans Bode (hrbode@uci.edu)  
COMM possible reversed clone; protein similarity on negative strand  
Seq primer: degenerate primer.

REFERENCE: 1 (bases 1 to 906)  
AUTHOR (AU): Bode,H.; Blumberg,B.; Steele,R.; Wigge,P.; Gee,L.;  
Nguyen,Q.; Martinez,D.; Kibler,D.; Hampson,S.;  
Clifton,S.; Pape,D.; Marra,M.; Hillier,L.; Martin,J.;  
Wylie,T.; Dante,M.; Theising,B.; Bowers,Y.; Gibbons,M.;  
Ritter,E.; Bennett,J.; Ronko,I.; Tsagareishvili,R.;  
Maguire,L.; Kennedy,S.; Waterston,R.; Wilson,R.  
TITLE (TI): WashU Hydra EST Project  
JOURNAL (SO): Unpublished (2002)

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..906	/organism="Hydra magnipapillata" /mol-type="mRNA"

/db-xref="taxon:6085"  
 /lab-host="DH10B"  
 /clone-lib="Hydra EST UCI 5"  
 /note="Vector: pSPORT1; Site-1:  
 Not I; Site-2: Sal I; a.1st strand  
 cDNA was primed with a Not I  
 primer-adaptor (5' -  
 pGACTAGTTCTAGATCGCGAGCGGCCGCC(T)1  
 5-3') b.Double-stranded cDNA was  
 ligated to Sal I adapter, digested  
 with Not I and cloned into the  
 pSPORT 1-vector pre-cut with Not I  
 and Sal I. c.The ligation mix was  
 transformed into DH10B cells.  
 d.The cells were grown in SOC = 5g  
 yeast, 20g tryptone, 0.5 g NaCl,  
 10 mM MgSO<sub>4</sub>, 10 mM MgCl<sub>2</sub>, 0.2%  
 glucose/Liter, (no antibiotic).  
 e.DMSO was added to a final conc.  
 of 10% as a cryoprotectant.and  
 frozen f.The titre before freezing  
 was determined as ~2400/100 ul.  
 Assuming a 10% loss upon freezing,  
 the titre is probably ~2100/ 100  
 ul. g.9 tubes each containing ~  
 2100 clones/100 ul [= total of  
 ~19,000] are enclosed. h.The  
 frequency of vectors containing  
 inserts is 96% as determined by  
 digestion check after picking 24  
 clones, miniprep and subsequent  
 digestion with Not I and Sal I.  
 i.A low level of 32P was used in  
 the cDNA synthesis procedure. The  
 level measured by holding a Geiger  
 Counter next to a tube was back

SEQUENCE (SEQ):

```

1 tctattattc ataaaagtaa tttaaacatt ctttgatatt aaatcagtat caaatattca
61 tttaaataata tttagacaat gtataataaa ataaataatt caatcaaatt tgtaaaacat
121 ataaagtctg ttatccactg cagtaatact gtacttcaag gtatttgtaa attccccaac
181 atgggtctcc aaaaacttca ttaccagctc tgacactaca ggctgcttgg ttttgacatc
241 tacttgtaac aacgttgcga gagttccatt catttccaca gtttctattc caacgattag
301 gccatcttgt acatatatgg tctgctcttc tcccataatt agctgcgctt atttgatatg
361 ttcctcttcc atagcaattt atattaagat cttcagcctc acaggctact gccgattgag
421 ttgggcactg agtataacaa ttaatctgtt cactagatgg tccaaataca tcacagtttc
481 ttccaccatt tgctggtgaa ggtgagtcac attgtcttgt tctggttcga gtaccttgtc
541 cacaatcttt tgagcaactg ctgtaactag accattgtcc atatccacca ttaactggac
601 atggtacaaa ggggcatgct gtagtcattg tatcaagtcc ttcacaggcc ttaccaccat
661 attgtggtgc tgggtttgta caagaccttt ttcttgattt aagtgtagaa ccacaacttt
721 gacccgcact cactaaatgg tccccattca ctccaacttc catcaatggg gcattcaaca
781 attttgcaaa gtttgtttaa ttgttgttcc gaccataat tttccaccaa tatgcagttc
841 agcctgatca tacttttctt tgtgcgagtc ctgttactcc attcttcaca atacactttt
901 agaagt
  
```

L2 ANSWER 249 OF 313 GENBANK.RTM. COPYRIGHT 2005 on STN

LOCUS (LOC): AF380352 GenBank (R)  
 GenBank ACC. NO. (GBN): AF380352  
 GenBank VERSION (VER): AF380352.1 GI:33305854  
 CAS REGISTRY NO. (RN): 807408-00-0  
 SEQUENCE LENGTH (SQL): 4743  
 MOLECULE TYPE (CI): mRNA; linear  
 DIVISION CODE (CI): Other vertebrates  
 DATE (DATE): 31 Dec 2004  
 DEFINITION (DEF): Gallus gallus \*\*\*UNC5H2\*\*\* mRNA, complete cds.  
 SOURCE: Gallus gallus (chicken)  
 ORGANISM (ORGN): Gallus gallus



Euteleostomi; Archosauria; Aves; Neognathae;  
Galliformes; Phasianidae; Phasianinae; Gallus  
1 (bases 1 to 4743)

REFERENCE:

AUTHOR (AU):  
TITLE (TI):  
JOURNAL (SO):

Kato,A.; Noda,M.  
Identification of chick \*\*\*UNC5H2\*\*\*  
Unpublished

REFERENCE:

AUTHOR (AU):  
TITLE (TI):  
JOURNAL (SO):

2 (bases 1 to 4743)  
Kato,A.; Noda,M.  
Direct Submission  
Submitted (10-MAY-2001) Molecular Neurobiology,  
National Institute for Basic Biology, 38 Nishigonaka,  
Myodaijicho, Okazaki, Aichi 444-8585, Japan

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..4743	/organism="Gallus gallus" /mol-type="mRNA" /db-xref="taxon:9031"
CDS	93..2930	/codon-start=1 /product="UNC5H2" /protein-id="AAQ02790.1" /db-xref="GI:33305855" /translation="MPPARRLLLPFFLLLLLPLH LRWALAAAGLEYSEVLPDSFPSAP AETLPHFLREPQDAYIVKNKPVELVCRANPATQI YFKCNGEWNQNDHVTTESLDEVT GLLVREVQIEVSRQQVEELFGLEDYWCQCVAWSS AGTTKSRRAYVRIAYLRKNFDQEP LGKEVPLEQEVLQCRPPEGVPQAEVEWLRNEDV IDPTQDTNFLTITIDHNLI IKQARL LDTANYTCMAKNIVAKRRSTTAAVIVYVNGGWST WSEWTPCNNRCGRGWQKRTRTCTN PAPLNGGSFCDGQPFQKVTCTTLC PVDGAWTEWS KWSACSTECHWRSRECSAPAPRN GGKDCSGGLLDSKNCTDGLCLHNKRVLSEPKSHL LEATGDVALYAGLVVAIFVFIVIL MAVGVVVYRRRCRDFDITDSSAALTGGFHPVN FKTARHDNPQLLHPSMQPDLTANA GVYRGPMYALQDSSDKIPMTNSPLLDPLPNLKIK VYNSSTTSSSPGLHDGTDLLGGIP AVGTFPGDSSSQFVNMRNKAQQGSQHLLSLPREH GTSASGTFSYLGGRLTIPGTGVSL LVPHGAIPQGFYIYLVINKAESGFLPSEGTQT VLSPA VTCGPTGLLLCRPVVLTIP HCADVSSSDWIFQLKTQSHQGNWEEVVTLD EETL NTPCYCQLEAKSCHVLLDQLGTYV FVGESYSRSAIKRLQLAIFAPAICTSLEYS LKVY CLEDTPDALKEVLELERTLGGYLL E EPKPLPFKDSYHNLRLSIHDI PHSLWRSKLLAK YQEIPFYHIWSGSQRALHCTFTLE RYSQASTELTCKICVRQVEGEGQIFQLHVT LGEH ANSFDTLHSHNSSAPTTQLGPYAF KIPLSIRQKICNSLDAPNSRGNDWRLLA QKLSMD RYLNYFATKASPTGVILD LWEAEH QDDGDLNTLASALEEMGKSEMLVVMATEGDC"

SEQUENCE (SEQ):

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1 gaattcgcgg ccgctgccgc cgcgggcagc ccggcagtgt ggcgagggcg gcgggcagca
61 gcgctctgct ccgctgggct ccgcgctccg ccatgccgcc ggcccgcgcg ctcctgctgc
121 ccttcttccct cctcctcctg ctgccgctgc atcttcgctg ggcgctggcc gccgcagggc
181 tggagtacag cgaggtgctg cccgactcct tcccatcggc gccggcagag acgctgcccc
241 acttcttgcg ggagccacag gatgcctaca tcgtcaaaaa caagcctgtg gagctgggtc
301 gtagggccaa ccctgccacc cagatctact tcaagtcaa tggggagtgg gtaaaccaga
361 acgaccacgt caccactgag agcctagatg aagtcacagg gctgctgggt cgggaggttc
421 agatcgaggt gtcccggcag caggtggagg agctctttgg cttggaggat tactggtgcc
481 agtgcgtggc ctggagctct gcgggcacca cgaagagccg cagggcgtag gtccgcattg
541 catacttgcg gaagaacttt gaccaggaac cactgggcaa ggaagtacca ctggagcagg
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661	ggaacgagga	tgtcattgat	cccacccagg	acaccaactt	cctcatcacc	attgatcaca
721	acctcatcat	caagcaggcc	cggctcttgg	acactgctaa	ttacacctgc	atggccaaga
781	acatcgtagc	caagcgccgg	agcaccacag	ctgctgtcat	tgtctatgtg	aacggtggct
841	ggtctacctg	gtccgagtg	actccttgca	acaaccgctg	tggccggggc	tggcagaagc
901	gcacccgga	gtgtaccaac	cctgccccac	tcaatggtgg	ctccttctgt	gatgggcagc
961	ccttccagaa	agtaacctgc	accacgctct	gcccagtgga	cgggtgcattg	acggagtggg
1021	gcaagtggtc	agcatgagc	accgagtga	cccactggcg	cagccgcgag	tgctctgccc
1081	cggctccgcg	caacggcgcc	aaggattgca	gtggcgggct	gctcgactcc	aagaactgca
1141	ccgacgggct	ctgcctgcac	aataaaagag	ttctaagcga	acccaaaagc	cacctgctgg
1201	aggccacggg	tgatgtagcc	ctgtatgccg	gtctggtggt	ggccattttc	gtcttcattg
1261	tcatcctcat	ggctgtgggg	gttgtggtgt	accggaggag	gtgccgggac	tttgacaccg
1321	acatcacaga	ttcatcagct	gccctgactg	gaggcttcca	ccccgtcaac	ttcaagactg
1381	cccggcacga	caacccccag	ttactgcacc	cctccatgca	gccggacctg	acggccaacg
1441	caggggtgta	ccggggcccc	atgtatgccc	tgcaggactc	ctctgacaag	atccccatga
1501	ccaactcccc	cttgcttgac	ccgctcccca	acctcaagat	caaggtctac	aactcctcca
1561	ccacctcctc	ttctccgggg	ctgcacgatg	ggacggattt	gctgggggga	attcccgcctg
1621	tcggcacctt	cccaggggac	agcagcagcc	aatttgtgaa	catgaggaac	aaagcccagc
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1801	atggagccat	cccgcaggga	aagtctctacg	agatatacct	ggtcatcaac	aaggcagaga
1861	gcggcttctt	gccctctgag	ggcactcaga	cagtgtctgag	cccggcggtg	acctgtggac
1921	ccactggcct	gctgctgtgc	cgccctgttg	tcctcaccat	tccccactgt	gcagatgtca
1981	gctcctcgga	ctggatcttt	cagctgaaaa	cacagtccca	ccaggggaac	tgggaggaag
2041	tgggtgacct	ggatgaggag	accctcaata	ccccctgcta	ctgccagctg	gaagccaagt
2101	cctgccatgt	cctgctagac	cagctgggca	cctacgtttt	tgtgggcgag	tcctactcca
2161	ggtcagccat	caagaggtc	cagttggcca	tctttgcccc	tgccatctgc	acctccctgg
2221	agtacagcct	caaggtctac	tgccctggagg	atactccaga	tgcactgaag	gaagtgtctg
2281	agttggagcg	gacgtgggt	gggtacctgc	tggaggagcc	caagccctg	cccttcaagg
2341	acagctacca	caacctgcgt	ctctccatcc	acgacatccc	ccactcattg	tggaggagca
2401	agctgctggc	caaataccag	gaaatcccct	tctaccacat	ctggagtggc	agccagcgag
2461	ccctgcactg	cactttcaca	ctggagaggt	acagcaggc	ctccaccgag	ctcacctgca
2521	agatctgcgt	ccggcaggtg	gaaggggaag	ggcagatctt	ccaactccac	gtcacgttgg
2581	gagagcatgc	caactccttc	gacacctcc	actcgcaaaa	cagcagtgcc	cccaccaccc
2641	agctgggacc	ctacgccttc	aaaatcccc	tctccatccg	gcagaagatc	tgcaacagcc
2701	tggatgctcc	caactccagg	gggaacgact	ggagacttct	cgcccagaaa	ctttccatgg
2761	accggtatct	gaactacttt	gccaccaaag	ccagccccac	tggggtgatc	ctggacttat
2821	gggaagccga	gcaccaagac	gatggcgatc	tcaacacctt	ggccagtgcc	ttagaagaga
2881	tgggcaagag	cgagatgctg	gtggtcatgg	ccacggaggg	cgactgctga	tagtgctccc
2941	ttgctccagg	gggatggtga	aggggaacct	tccccagcac	ctgtccctgc	atgggggctg
3001	aatgaggaag	ggccgagggc	ccgcttgtcc	ctccccacat	cactgtcagc	cttacagacc
3061	gatcctcagc	gtttacaagc	aattcaagtg	ttacacggca	ttcctcctcc	tcctcctctc
3121	gggtggcatt	ggtaatgctg	gaggaaaccg	ggcttcttaa	gccgaggtct	tccttctcct
3181	ctgggttcc	tcccatctgg	ttctcctcct	cctttgatag	catttctgcg	ttgaaagac
3241	gagtacaacc	taggcaagca	gcttatttct	gtcaaaggct	tcagacagct	tcataaggca
3301	agtaggaaag	gaagaaaaaa	acaaaacaaa	acaaaaaaac	aaaacaaaaa	aaaacgcccg
3361	cagagcgcg	agggcagcgg	ccgcgggggc	gagatgggca	aatggcgggc	ggcggcgggc
3421	gcggggg	ctcggggcgg	tactacggcg	ggggggggcg	acggaggccg	agccccgaag
3481	cgtcagaaga	cggagaacgc	ggascgccc	ctcatggg	cggasgggkg	ggggggccgg
3541	cggggccggg	gccggcgga	ggagaactac	gacgatccca	caagaccccc	gcgtcccccg
3601	tgggtgcacat	ccgggggctg	atcgacggcg	tgggtggaggc	cgacctggtg	gaggccctgc
3661	aggagtttgg	ccccatcagt	tacgtggtgg	tgatgcccaa	gaagcgccag	gccttgggtg
3721	agtttgagga	catcctgggt	gcctgcaatg	ctgtcaacta	cgcagccgac	aaccaaatct
3781	acatcgccgg	acaccccgcc	ttcgtcaact	actccaccag	ccagaagatc	tcggcccccg
3841	gggacagcga	cgactcccgc	ggcgtcaaca	acgttttgc	cttcaccatt	ctcaacccca
3901	tctactcgat	cacgacggat	gtgctctaca	ccatctgcaa	cccgtgtggc	cccgtcagga
3961	ggatcgttat	cttcagggaag	aacggcgctc	aggccatggt	ggagtttgac	tcagtgcaga
4021	gcgcacagcg	aggccaaagc	gtcccttaac	ggggccgaca	tctactctgg	gtgctgcacg
4081	ctgaagattg	agtacgccaa	gcccacacgc	ctgaacgttt	tcaagaacga	ccaggacacc
4141	tgggactaca	ccaaccccaa	cctcagcgga	caaggcgacc	cgggcggcaa	tcccaacaag
4201	cgccagcggc	agcccccgct	tctgggagac	cacccggcgg	agtacggagg	acccacgggc
4261	ggataccacg	ggcactacca	cgatgagggc	taccggcccc	ccgcccgc	attacgaagg
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4381	gtatgggcac	cccccgcccc	caccgcgcgc	ccccgagtac	ggccccccacg	ccgacagccc
4441	cgtgctgatg	gtttacgggt	tggaccagtc	caagatgaac	tgtgaccgcg	tcttcaacat
4501	cttctgcctc	tacgggaacg	tggagaaggt	gaagtctcatg	aagagcaaac	cgggggcggc
4561	catggtggag	atggctgacg	ggtacgccgt	ggacagggcc	atcaccaccc	tcaacaacaa
4621	cttcatgttc	gggcagaagc	tgaacgtctg	cgtctccaag	cagcaagcca	tcatgcccgg
4681	gcagtctacg	ggctggagga	cggttcctgc	agctacaaaag	acttcagcag	cggccgcgaa

LOCUS (LOC): CV548802 GenBank (R)  
 GenBank ACC. NO. (GBN): CV548802  
 GenBank VERSION (VER): CV548802.1 GI:54425699  
 CAS REGISTRY NO. (RN): 772719-55-8  
 SEQUENCE LENGTH (SQL): 691  
 MOLECULE TYPE (CI): mRNA; linear  
 DIVISION CODE (CI): Expressed sequence tag  
 DATE (DATE): 22 Oct 2004  
 DEFINITION (DEF): 3032HOUN59A12 BgORESTES uninfected NHM 3032  
 haemopoietic organ Biomphalaria glabrata cDNA clone  
 ZBA7084 similar to transmembrane receptor  
 \*\*\*UNC5H2\*\*\* , mRNA sequence.

KEYWORDS (ST): EST  
 SOURCE: Biomphalaria glabrata (bloodfluke planorb)  
 ORGANISM (ORGN): Biomphalaria glabrata  
 Eukaryota; Metazoa; Mollusca; Gastropoda; Pulmonata;  
 Basommatophora; Lymnaeidae; Planorbidae; Biomphalaria

## COMMENT:

Contact: Lockyer, A.E.  
 Wolfson Wellcome Biomedical Laboratory  
 The Natural History Museum  
 Cromwell Road, London, SW7 5BD, UK  
 Tel: +44 (0)20 7942 5148  
 Fax: +44 (0)20 7942 5518  
 Email: a.lockyer@nhm.ac.uk  
 High quality sequence stop: 691  
 POLYA=No.

REFERENCE: 1 (bases 1 to 691)  
 AUTHOR (AU): Lockyer, A.E.; Spinks, J.N.; Kane, R.A.; Dias Neto, E.;  
 Noble, L.R.; Rollinson, D.; Jones, C.S.  
 TITLE (TI): ESTs from Biomphalaria glabrata using the ORESTES  
 approach  
 JOURNAL (SO): Unpublished (2003)

## FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..691	/organism="Biomphalaria glabrata" /mol-type="mRNA" /strain="NHM 3032" /db-xref="taxon:6526" /clone="ZBA7084" /sex="Hermaphrodite" /clone-lib="BgORESTES uninfected NHM 3032 haemopoietic organ" /note="Organ: haemopoietic organ; Vector: pGEM; mRNA, extracted from uninfected 3032 (susceptible) snails was used as a template for RT-PCR with random primers to generate cDNA fragments. These were cloned and sequenced using M13F. Primer sequences were removed from sequence."

## SEQUENCE (SEQ):

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1 aagagatgcc agctaaactg acttgtctag cttcaaatac agcccttctt gtctttgttt
61 gcaatgacaa tttggtcctt gagtcccacc tcaacatgca gacaatgact gtcgaaaatg
121 aaaacatcag agagaataac ttggagatca gtaaagatca gcttgaacga ttcccagacg
181 gcagcgagta cacatgcaga tgcagagcct actacatgcc atcaggttct acccagtaca
241 ttgatgggaa ttccactgtc atcactttcc aaagtgggga aagggaatt tctactgaaa
301 cagtaacttc tttaccaggg gctgaaatta cgccggaagg agaggccaca tcccctaaac
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421 taacctgcga ggctgtaaat gtgaagagca tctactttga gtgtgatggg caggaagttc
481 aggatacaga gacccagcgg gccctgcaga gcacagacga ggaaggcatg attgtgtcca

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601 gttactgctt tgccccctac atggatgaag tgaccgcgga ggaaaaggtc ctgaaaagtc  
661 atcctggaat ggtcaaacat gccttcttga a

L2 ANSWER 251 OF 313 GENBANK.RTM. COPYRIGHT 2005 on STN

LOCUS (LOC): AY764274 GenBank (R)  
GenBank ACC. NO. (GBN): AY764274  
GenBank VERSION (VER): AY764274.1 GI:53830041  
CAS REGISTRY NO. (RN): 761332-95-0  
SEQUENCE LENGTH (SQL): 1482  
MOLECULE TYPE (CI): mRNA; linear  
DIVISION CODE (CI): Other vertebrates  
DATE (DATE): 5 Nov 2004  
DEFINITION (DEF): Danio rerio transmembrane receptor Unc5B mRNA, partial  
cds.  
SOURCE: Danio rerio (zebrafish)  
ORGANISM (ORGN): Danio rerio  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;  
Euteleostomi; Actinopterygii; Neopterygii; Teleostei;  
Ostariophysi; Cypriniformes; Cyprinidae; Danio  
REFERENCE: 1 (bases 1 to 1482)  
AUTHOR (AU): Lu,X.; le Noble,F.; Yuan,L.; Jiang,Q.; de Lafarge,B.;  
Sugiyama,D.; Breant,C.; Claes,F.; De Smet,F.;  
Thomas,J.; Autiero,M.; Carmeliet,P.;  
Tessier-Lavigne,M.; Eichmann,A.  
TITLE (TI): The netrin receptor UNC5B mediates guidance events  
controlling morphogenesis of the vascular system  
JOURNAL (SO): Nature, 432, 179-186 (2004)  
OTHER SOURCE (OS): CA 141:392429  
REFERENCE: 2 (bases 1 to 1482)  
AUTHOR (AU): Autiero,M.; Claes,A.; Claes,F.; De Smet,F.; Thomas,J.;  
Carmeliet,P.  
TITLE (TI): Direct Submission  
JOURNAL (SO): Submitted (27-SEP-2004) Flanders Interuniversity  
Institute for Biotechnology (VIB), Center for Transgene  
Technology & Gene Therapy, Herestraat 49, Leuven 3000,  
Belgium

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..1482	/organism="Danio rerio" /mol-type="mRNA" /db-xref="taxon:7955"
CDS	127..>1482	/note="netrin receptor activity; similar to Caenorhabditis elegans Unc5" /codon-start=1 /product="transmembrane receptor Unc5B" /protein-id="AAU94928.1" /db-xref="GI:53830042" /translation="MLSTCIHRDQSPASLLGLLL LSSTLVIHADGSDYSEVLPSDFPS APAEPLEPFQSEPEDAFIVKNRPVKLSCKAAPAT QIYFKCNGEWNQNDHVTKESLDH ITGLVVREVDISVSRTQVEELFGLDYWCQCVAV SSAGTTKSRRAYVRIAYLRKNFEQ EPLGREVRLEQEVLLQCRPPEGSPAEVDWLKNE ELIDPALDSNFLITIEHDLIIKQA RLSDTANYTCVARNVVAKRRSSTATLIVYVSGGW SSWTEWSECNAQCGRGWQRTRSC TNPAPLNGGAFCDGPPFQRTCTTLCPVDGGWTE WAKWSACGTECTHWSRECAAPP RNGGRHCSGSMMESKNCTEGLCARNKKVSVEHTS HPLGSGTGVAVYAGLVGALLLCVI LVLCVGILVYRRSCRHLHGEITDSSSALTAAAFHP GNYKPPRQDNPHLLHPTAPPDLTA SA"

## SEQUENCE (SEQ) :

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1  cgaggaggaa  cccgtctcca  tatttcacac  tatttgaagt  atccttcacg  gaggattcag
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121  gtgaagatgc  tctcaacgtg  tatacacccg  gaccagtctc  ccgcctccct  gctcggttta
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241  ccggactcgt  ttccatcagc  tcctgcccga  ccgctgccag  aattccagag  tgagcccag
301  gatgcattca  tagtaaaaaa  cagaccgcgc  aaactgtcct  gcaaggccgc  cctgcccaca
361  cagatatact  ttaaatgcaa  tggagaatgg  gtgaaccaga  atgaccatgt  gaccaaggaa
421  agtctggacc  atatcacagg  tctggtagtg  agagaagtag  atatctctgt  ctcccggacg
481  caggtagagg  agttgtttgg  gctggaggat  tattggtgcc  agtgtgttgc  ctggagctcg
541  gcaggcacca  caaagagccg  tcgggcttac  gtccgcacgc  cctacttgag  aaagaacttt
601  gagcaggagc  cgcttggcag  ggaggtgcgt  ctggagcagg  aggtattact  gcagtgtcgt
661  ccaccagagg  gcagcccgc  tgctgaggtg  gactggctaa  agaacgaaga  gctcattgac
721  ccggcgctgg  attctaactt  tctaattacc  atcgagcacg  acctgatcat  caaacaggct
781  cgactctctg  aacttgccaa  ctacacctgt  gtggcacgta  atgtggtcgc  taagagacgc
841  agcagcactg  ccactctcat  cgtctacgta  agtggaggct  ggtcatcctg  gacagagtgg
901  tcagaatgta  atgctcagtg  tgggcggggc  tggcagagac  ggacacgcag  ctgcaccaat
961  ccagcaccac  tcaatggagg  agccttctgt  gatggaccgc  ccttccagag  agtcacctgt
1021  accaccctct  gtccagtgga  tggaggctgg  accgagtggg  ccaagtggtc  tgcgtgtggg
1081  acggagtgca  cacattggcg  cagtcgtgaa  tgtcaggctc  caccgccacg  taatggagga
1141  cgacatgca  gcggcagcat  gatggagagc  aagaactgca  ctgagggatt  atgtgcacgc
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1321  attctggtct  atcgccggag  ctgtcgccat  cttcacggtg  aaatcacaga  ttcgtcatca
1381  gccctcactg  ctgccttcca  ccccggaac  taaaacctc  cacgacagga  taatccacac
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L2 ANSWER 252 OF 313 GENBANK.RTM. COPYRIGHT 2005 on STM

LOCUS (LOC) : CN771098 GenBank (R)  
 GenBank ACC. NO. (GBN) : CN771098  
 GenBank VERSION (VER) : CN771098.1 GI:47541732  
 CAS REGISTRY NO. (RN) : 686473-89-2  
 SEQUENCE LENGTH (SQL) : 494  
 MOLECULE TYPE (CI) : mRNA; linear  
 DIVISION CODE (CI) : Expressed sequence tag  
 DATE (DATE) : 20 May 2004  
 DEFINITION (DEF) : tae73g12.x1 Hydra EST Darmstadt I Hydra magnipapillata  
 cDNA 3' similar to TR:O08722 O08722 TRANSMEMBRANE  
 RECEPTOR \*\*\*UNC5H2\*\*\* . ;, mRNA sequence.  
 KEYWORDS (ST) : EST  
 SOURCE : Hydra magnipapillata  
 ORGANISM (ORGN) : Hydra magnipapillata  
 Eukaryota; Metazoa; Cnidaria; Hydrozoa; Hydroida;  
 Anthomedusae; Hydridae; Hydra

## COMMENT:

Contact: Hans Bode  
 WashU Hydra EST Project  
 Washington University School of Medicine  
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108, USA  
 Tel: 314 286 1800  
 Fax: 314 286 1810  
 Email: est@watson.wustl.edu  
 Library was constructed by Corina Guder / GATC Konstanz, Germany  
 Library materials provided by Thomas Holstein / Molecular Cell  
 Biology, TUD, Darmstadt DNA sequencing by: Washington University  
 Genome Sequencing Center For information on obtaining a clone  
 please contact: Hans Bode (hrbode@uci.edu)  
 Putative full length read  
 vector to vector length is  
 Seq primer: degenerate primer.

REFERENCE: 1 (bases 1 to 494)  
 AUTHOR (AU) : Bode,H.; Blumberg,B.; Steele,R.; Wigge,P.; Gee,L.;  
 Nguyen,Q.; Martinez,D.; Kibler,D.; Hampson,S.;  
 Clifton,S.; Pape,D.; Marra,M.; Hillier,L.; Martin,J.;  
 Wylie,T.; Dante,M.; Theising,B.; Bowers,Y.; Gibbons,M.;  
 Ritter,E.; Bennett,J.; Ronko,I.; Tsagareishvili,R.;  
 Maguire,L.; Kennedy,S.; Waterston,R.; Wilson,R.

## FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..494	/organism="Hydra magnipapillata" /mol-type="mRNA" /strain="sf-1 mutant of strain 105" /db-xref="taxon:6085" /lab-host="TransforMax EC100 (Epicentre), T1 Phage resistant electrocompetent cells" /clone-lib="Hydra EST Darmstadt I" /note="Vector: pBluescript II SK (+); Site-1: NotI; Site-2: EcoRI"

## SEQUENCE (SEQ):

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1 accatcgtgt acaaaattgg caagcttttg cacagtttgc ttgcatccaa gttgtaaatt
61 ccggcgaacc atcatcacct ccactatcga aagcattaca atcatcatga taattttgac
121 aaactgtttc tgaagaatcg caaaaacatg ttttacaaca atttattttt gcccaatcta
181 ttgccttttc gcaataacca gctcttttat attgatcacg agtgtcaatg acatcatcac
241 attcgcagtt gctacaaaca tgataacgct ggtcatctcc aacacaatct ctacctccct
301 ctcttggaat tggattcatg caataacgaa cttcttcata cttgttatcg cttgaacatt
361 ctgaaatctt tgtccattca gtccaaccac catctacttt acttcctggg ttgcaaagtt
421 tgcattgatt ttacaccaa tttttaactg agtcttgaca accaggatat tggtacaat
481 aacttatatc atct

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L2 ANSWER 253 OF 313 GENBANK.RTM. COPYRIGHT 2005 on STN

LOCUS (LOC): CN634017 GenBank (R)  
 GenBank ACC. NO. (GBN): CN634017  
 GenBank VERSION (VER): CN634017.1 GI:47145094  
 CAS REGISTRY NO. (RN): 682045-93-8  
 SEQUENCE LENGTH (SQL): 241  
 MOLECULE TYPE (CI): mRNA; linear  
 DIVISION CODE (CI): Expressed sequence tag  
 DATE (DATE): 12 May 2004  
 DEFINITION (DEF): taf55c10.y1 Hydra EST Darmstadt I Hydra magnipapillata cDNA 5' similar to TR:O08721 O08721 TRANSMEMBRANE RECEPTOR \*\*\*UNC5H1\*\*\* . ; , mRNA sequence.

KEYWORDS (ST): EST  
 SOURCE: Hydra magnipapillata  
 ORGANISM (ORGN): Hydra magnipapillata  
 Eukaryota; Metazoa; Cnidaria; Hydrozoa; Hydroida; Anthomedusae; Hydridae; Hydra

## COMMENT:

Other ESTs: taf55c10.x1  
 Contact: Hans Bode  
 WashU Hydra EST Project  
 Washington University School of Medicine  
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108, USA  
 Tel: 314 286 1800  
 Fax: 314 286 1810  
 Email: est@watson.wustl.edu  
 Library was constructed by Corina Guder / GATC Konstanz, Germany  
 Library materials provided by Thomas Holstein / Molecular Cell Biology, TUD, Darmstadt DNA sequencing by: Washington University Genome Sequencing Center For information on obtaining a clone please contact: Hans Bode (hrbode@uci.edu)  
 Seq primer: -40UP  
 High quality sequence stop: 165.

## REFERENCE:

1 (bases 1 to 241)  
 AUTHOR (AU): Bode,H.; Blumberg,B.; Steele,R.; Wigge,P.; Gee,L.;  
 Nguyen,Q.; Martinez,D.; Kibler,D.; Hampson,S.;  
 Clifton,S.; Pape,D.; Marra,M.; Hillier,L.; Martin,J.;  
 Wylie,T.; Dante,M.; Theising,B.; Bowers,Y.; Gibbons,M.;  
 Ritter,E.; Bennett,J.; Ronko,I.; Tsagareishvili,R.;

TITLE (TI): WashU Hydra EST Project  
JOURNAL (SO): Unpublished (2002)

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..241	/organism="Hydra magnipapillata" /mol-type="mRNA" /db-xref="taxon:6085" /lab-host="TransforMax EC100 (Epicentre), T1 Phage resistant electrocompetent cells" /clone-lib="Hydra EST Darmstadt I" /note="Vector: pBluescript II SK (+); Site-1: NotI; Site-2: EcoRI"

SEQUENCE (SEQ):

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1 cacgattgag aataaatttg atcccaactt tgaacttgga aatactgaac tttcaaacac
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181 ggaatttggg gacccaaaaa aacataaatg ccgggggaaa aatttggggaa ccagaatatg
241 c
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L2 ANSWER 254 OF 313 GENBANK.RTM. COPYRIGHT 2005 on STN

LOCUS (LOC): AK131380 GenBank (R)  
GenBank ACC. NO. (GBN): AK131380  
GenBank VERSION (VER): AK131380.1 GI:47077220  
CAS REGISTRY NO. (RN): 680963-33-1  
SEQUENCE LENGTH (SQL): 2230  
MOLECULE TYPE (CI): mRNA; linear  
DIVISION CODE (CI): Primates  
DATE (DATE): 7 May 2004  
DEFINITION (DEF): Homo sapiens cDNA FLJ16449 fis, clone BRAWH2006395,  
highly similar to Rattus norvegicus transmembrane  
receptor \*\*\*Unc5H1\*\*\*  
KEYWORDS (ST): oligo capping; fis (full insert sequence)  
SOURCE: Homo sapiens (human)  
ORGANISM (ORGN): Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;  
Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;  
Hominidae; Homo

COMMENT:

NEDO human cDNA sequencing project supported by Ministry of  
Economy, Trade and Industry of Japan; cDNA full insert sequencing:  
Research Association for Biotechnology (RAB); cDNA library  
construction: Helix Research Institute (HRI) (supported by Japan  
Key Technology Center etc.); 5'- & 3'-end one pass sequencing: RAB,  
HRI, and Biotechnology Center, National Institute of Technology and  
Evaluation; clone selection for full insert sequencing: HRI and  
RAB; annotation: HRI and RAB.

REFERENCE:

1  
AUTHOR (AU): Tanigami,A.; Fujiwara,T.; Shibahara,T.; Goto,Y.;  
Hirao,M.; Shimizu,F.; Wakebe,H.; Ono,T.; Hishigaki,H.;  
Watanabe,T.; Ozaki,K.; Sugiyama,T.; Irie,R.; Otsuki,T.;  
Sato,H.; Ota,T.; Wakamatsu,A.; Ishii,S.; Yamamoto,J.;  
Isono,Y.; Kawai-Hio,Y.; Saito,K.; Nishikawa,T.;  
Kimura,K.; Yamashita,H.; Matsuo,K.; Nakamura,Y.;  
Sekine,M.; Kikuchi,H.; Kanda,K.; Wagatsuma,M.;  
Murakawa,K.; Kanehori,K.; Takahashi-Fujii,A.;  
Oshima,A.; Sugiyama,A.; Kawakami,B.; Suzuki,Y.;  
Sugano,S.; Nagahari,K.; Masuho,Y.; Isogai,T.

TITLE (TI): NEDO human cDNA sequencing project

JOURNAL (SO): Unpublished

REFERENCE:

2 (bases 1 to 2230)  
AUTHOR (AU): Isogai,T.; Yamamoto,J.  
TITLE (TI): Direct Submission  
JOURNAL (SO): Submitted (01-MAR-2004) Takao Isogai, FLJ Project (HRI)

FEATURES (FEAT):

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CDS	70..975	/note="unnamed protein product" /codon-start=1 /protein-id="BAD18531.1" /db-xref="GI:47077221" /translation="MAVRPGLWLPALLGIVLAAWL RSGGAQQSATVANPVPGANPDLLP HFLVEPEDVYIVKNKPVLLVCKAVPATQIFFKCN GEWVRQVDHVIERSTDGNSGLPTM EVRINVSRRQVEKVFGLLEEWCVVWSSSGTTK SQKAYIRIAYLRKNFEQEPLAKEV SLEQGIVLPCRPPGIPPAEVEWLRNEDLVDP DPNVYITREHSLVVRQARLADTAN YTCVAKNIVARRRSASAAVIVYVDGSWSPWSKWS ACGLDCTHWSRECSDPAPRNGGE ECQGTDLDTNRCTSDLCVHSESLP"

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LOCUS (LOC): AY510109 GenBank (R)  
 GenBank ACC. NO. (GBN): AY510109  
 GenBank VERSION (VER): AY510109.1 GI:46095340  
 CAS REGISTRY NO. (RN): 676382-19-7  
 SEQUENCE LENGTH (SQL): 1557  
 MOLECULE TYPE (CI): mRNA; linear  
 DIVISION CODE (CI): Primates  
 DATE (DATE): 19 Apr 2004  
 DEFINITION (DEF): Homo sapiens ZU5 and death domain-containing inhibitor of NF-kB mRNA, complete cds.  
 SOURCE: Homo sapiens (human)  
 ORGANISM (ORGN): Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo  
 REFERENCE: 1 (bases 1 to 1557)  
 AUTHOR (AU): Zhang, J.; Xu, L.G.; Han, K.J.; Shu, H.B.  
 TITLE (TI): Identification of a ZU5 and death domain-containing inhibitor of NF-kappaB  
 JOURNAL (SO): J. Biol. Chem., 279 (17), 17819-17825 (2004)  
 REFERENCE: 2 (bases 1 to 1557)  
 AUTHOR (AU): Zhang, J.; Xu, L.-G.; Han, K.-J.; Shu, H.-B.  
 TITLE (TI): Direct Submission  
 JOURNAL (SO): Submitted (21-DEC-2003) Immunology, National Jewish Center, 1400 Jackson Street, Denver, CO 80206, USA

## FEATURES (FEAT):

Feature Key	Location	Qualifier
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misc-feature	322..558	/note="present in ZO-1 and Unc5-like netrin receptors; Region: ZU5 domain"
misc-feature	1267..1473	/note="Region: death domain"

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181 gaaaatgagg tctcaaggca gcacctgcc gccacactgc cagagatggt tgccttctac
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L2 ANSWER 256 OF 313 GENBANK.RTM. COPYRIGHT 2005 on STN

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LOCUS (LOC): AY510108 GenBank (R)
GenBank ACC. NO. (GBN): AY510108
GenBank VERSION (VER): AY510108.1 GI:46095338
CAS REGISTRY NO. (RN): 676382-17-5
SEQUENCE LENGTH (SQL): 1557
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Rodents
DATE (DATE): 19 Apr 2004
DEFINITION (DEF): Mus musculus ZU5 and death domain-containing inhibitor
of NF-kB mRNA, complete cds.
SOURCE: Mus musculus (house mouse)
ORGANISM (ORGN): Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Euteleostomi; Mammalia; Eutheria; Rodentia;
Sciurognathi; Muridae; Murinae; Mus
REFERENCE: 1 (bases 1 to 1557)
AUTHOR (AU): Zhang, J.; Xu, L.G.; Han, K.J.; Shu, H.B.
TITLE (TI): Identification of a ZU5 and death domain-containing
inhibitor of NF-kappaB
JOURNAL (SO): J. Biol. Chem., 279 (17), 17819-17825 (2004)
REFERENCE: 2 (bases 1 to 1557)
AUTHOR (AU): Zhang, J.; Xu, L.-G.; Han, K.-J.; Shu, H.-B.
TITLE (TI): Direct Submission
JOURNAL (SO): Submitted (21-DEC-2003) Immunology, National Jewish
Center, 1400 Jackson Street, Denver, CO 80206, USA

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misc-feature 322..558

/note="present in ZO-1 and  
 Unc5-like netrin receptors;  
 Region: ZU5 domain"

misc-feature 1264..1473

/note="Region: death domain"

# SEQUENCE (SEQ):

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L2 ANSWER 257 OF 313 GENBANK.RTM. COPYRIGHT 2005 on STN

LOCUS (LOC): BC057560 GenBank (R)  
 GenBank ACC. NO. (GBN): BC057560  
 GenBank VERSION (VER): BC057560.1 GI:34785820  
 CAS REGISTRY NO. (RN): 588653-90-1  
 SEQUENCE LENGTH (SQL): 3672  
 MOLECULE TYPE (CI): mRNA; linear  
 DIVISION CODE (CI): Rodents  
 DATE (DATE): 21 Oct 2003  
 DEFINITION (DEF): Mus musculus unc-5 homolog B (C. elegans), mRNA (cDNA clone MGC:66787 IMAGE:6417563), complete cds.  
 KEYWORDS (ST): MGC  
 SOURCE: Mus musculus (house mouse)  
 ORGANISM (ORGN): Mus musculus  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;  
 Euteleostomi; Mammalia; Eutheria; Rodentia;  
 Sciurognathi; Muridae; Murinae; Mus  
 NUCLEIC ACID COUNT (NA): 783 a 1137 c 1074 g 678 t

Contact: MGC help desk  
 Email: cgapbs-r@mail.nih.gov  
 Tissue Procurement: Dr. Jim Lin, University of Iowa  
 cDNA Library Preparation: M. Bento Soares, University of Iowa  
 cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)  
 DNA Sequencing by: Sequencing Group at the Stanford Human Genome  
 Center, Stanford University School of Medicine, Stanford, CA 94305  
 Web site: <http://www-shgc.stanford.edu>  
 Contact: (Dickson, Mark) [mcd@paxil.stanford.edu](mailto:mcd@paxil.stanford.edu)  
 Dickson, M., Schmutz, J., Grimwood, J., Rodriguez, A., and Myers,  
 R. M.  
 Clone distribution: MGC clone distribution information can be found  
 through the I.M.A.G.E. Consortium/LLNL at: <http://image.llnl.gov>  
 Series: IRAK Plate: 125 Row: o Column: 12  
 This clone was selected for full length sequencing because it  
 passed the following selection criteria: matched mRNA gi: 21218439.

REFERENCE: 1 (bases 1 to 3672)  
 AUTHOR (AU): Strausberg, R.L.; Feingold, E.A.; Grouse, L.H.;  
 Derge, J.G.; Klausner, R.D.; Collins, F.S.; Wagner, L.;  
 Shenmen, C.M.; Schuler, G.D.; Altschul, S.F.; Zeeberg, B.;  
 Buetow, K.H.; Schaefer, C.F.; Bhat, N.K.; Hopkins, R.F.;  
 Jordan, H.; Moore, T.; Max, S.I.; Wang, J.; Hsieh, F.;  
 Diatchenko, L.; Marusina, K.; Farmer, A.A.; Rubin, G.M.;  
 Hong, L.; Stapleton, M.; Soares, M.B.; Bonaldo, M.F.;  
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 Mullahy, S.J.; Bosak, S.A.; McEwan, P.J.; McKernan, K.J.;  
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 Hale, S.; Garcia, A.M.; Gay, L.J.; Hulyk, S.W.;  
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 Myers, R.M.; Butterfield, Y.S.; Krzywinski, M.I.;  
 Skalska, U.; Smailus, D.E.; Schnerch, A.; Schein, J.E.;  
 Jones, S.J.; Marra, M.A.  
 TITLE (TI): Generation and initial analysis of more than 15,000  
 full-length human and mouse cDNA sequences  
 JOURNAL (SO): Proc. Natl. Acad. Sci. U.S.A., 99 (26), 16899-16903  
 (2002)  
 OTHER SOURCE (OS): CA 138:67676  
 REFERENCE: 2 (bases 1 to 3672)  
 AUTHOR (AU): Strausberg, R.  
 TITLE (TI): Direct Submission  
 JOURNAL (SO): Submitted (03-SEP-2003) National Institutes of Health,  
 Mammalian Gene Collection (MGC), Cancer Genomics  
 Office, National Cancer Institute, 31 Center Drive,  
 Room 11A03, Bethesda, MD 20892-2590, USA

# FEATURES (FEAT):

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		FKCNGEWVSQNDHVTQESLDEATG
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		GTTKSRRAYIRIAYLRKNFDQEPL
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L2 ANSWER 258 OF 313 GENBANK.RTM. COPYRIGHT 2005 on STN

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LOCUS (LOC): BC058084 GenBank (R)
GenBank ACC. NO. (GBN): BC058084
GenBank VERSION (VER): BC058084.1 GI:34784158
CAS REGISTRY NO. (RN): 588638-70-4
SEQUENCE LENGTH (SQL): 3844
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Rodents
DATE (DATE): 21 Oct 2003
DEFINITION (DEF): Mus musculus unc-5 homolog A (C. elegans), mRNA (cDNA
clone MGC:66671 IMAGE:6813463), complete cds.
KEYWORDS (ST): MGC
SOURCE: Mus musculus (house mouse)

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;  
Euteleostomi; Mammalia; Eutheria; Rodentia;  
Sciurognathi; Muridae; Murinae; Mus

NUCLEIC ACID COUNT (NA): 705 a 1298 c 1094 g 747 t

COMMENT:

Contact: MGC help desk

Email: cgapbs-r@mail.nih.gov

Tissue Procurement: Dr. Jim Lin, University of Iowa

cDNA Library Preparation: M. Bento Soares, University of Iowa

cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)

DNA Sequencing by: Genome Sequence Centre,

BC Cancer Agency, Vancouver, BC, Canada

info@bcgsc.bc.ca

Steven Jones, Jennifer Asano, Ian Bosdet, Yaron Butterfield,  
Susanna Chan, Readman Chiu, Chris Fjell, Erin Garland, Ran Guin,  
Letticia Hsiao, Martin Krzywinski, Reta Kutsche, Oliver Lee, Soo  
Sen Lee, Victor Ling, Carrie Mathewson, Candice McLeavy, Steven  
Ness, Pawan Pandoh, Anna-Liisa Prabhu, Parvaneh Saeedi, Jacqueline  
Schein, Duane Smailus, Michael Smith, Lorraine Spence, Jeff Stott,  
Michael Thorne, Miranada Tsai, Natasja van den Bosch, Jill Vardy,  
George Yang, Scott Zuyderduyn, Marco Marra.

Clone distribution: MGC clone distribution information can be found  
through the I.M.A.G.E. Consortium/LLNL at: <http://image.llnl.gov>

Series: IRAK Plate: 126 Row: b Column: 11

This clone was selected for full length sequencing because it  
passed the following selection criteria: matched mRNA gi: 23346570.

REFERENCE:

1 (bases 1 to 3844)

AUTHOR (AU):

Strausberg,R.L.; Feingold,E.A.; Grouse,L.H.;  
Derge,J.G.; Klausner,R.D.; Collins,F.S.; Wagner,L.;  
Shenmen,C.M.; Schuler,G.D.; Altschul,S.F.; Zeeberg,B.;  
Buetow,K.H.; Schaefer,C.F.; Bhat,N.K.; Hopkins,R.F.;  
Jordan,H.; Moore,T.; Max,S.I.; Wang,J.; Hsieh,F.;  
Diatchenko,L.; Marusina,K.; Farmer,A.A.; Rubin,G.M.;  
Hong,L.; Stapleton,M.; Soares,M.B.; Bonaldo,M.F.;  
Casavant,T.L.; Scheetz,T.E.; Brownstein,M.J.;  
Usdin,T.B.; Toshiyuki,S.; Carninci,P.; Prange,C.;  
Raha,S.S.; Loquellano,N.A.; Peters,G.J.; Abramson,R.D.;  
Mullahy,S.J.; Bosak,S.A.; McEwan,P.J.; McKernan,K.J.;  
Malek,J.A.; Gunaratne,P.H.; Richards,S.; Worley,K.C.;  
Hale,S.; Garcia,A.M.; Gay,L.J.; Hulyk,S.W.;  
Villalon,D.K.; Muzny,D.M.; Sodergren,E.J.; Lu,X.;  
Gibbs,R.A.; Fahey,J.; Helton,E.; Kettelman,M.; Madan,A.;  
Rodrigues,S.; Sanchez,A.; Whiting,M.; Madan,A.;  
Young,A.C.; Shevchenko,Y.; Bouffard,G.G.;  
Blakesley,R.W.; Touchman,J.W.; Green,E.D.;  
Dickson,M.C.; Rodriguez,A.C.; Grimwood,J.; Schmutz,J.;  
Myers,R.M.; Butterfield,Y.S.; Krzywinski,M.I.;  
Skalska,U.; Smailus,D.E.; Schnerch,A.; Schein,J.E.;  
Jones,S.J.; Marra,M.A.

TITLE (TI):

Generation and initial analysis of more than 15,000  
full-length human and mouse cDNA sequences

JOURNAL (SO):

Proc. Natl. Acad. Sci. U.S.A., 99 (26), 16899-16903  
(2002)

OTHER SOURCE (OS):

CA 138:67676

REFERENCE:

2 (bases 1 to 3844)

AUTHOR (AU):

Strausberg,R.

TITLE (TI):

Direct Submission

JOURNAL (SO):

Submitted (08-SEP-2003) National Institutes of Health,  
Mammalian Gene Collection (MGC), Cancer Genomics  
Office, National Cancer Institute, 31 Center Drive,  
Room 11A03, Bethesda, MD 20892-2590, USA

FEATURES (FEAT):

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3841 aaaa

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L2 ANSWER 259 OF 313 GENBANK.RTM. COPYRIGHT 2005 on STN

LOCUS (LOC): AK128132 GenBank (R)  
GenBank ACC. NO. (GBN): AK128132  
GenBank VERSION (VER): AK128132.1 GI:34535352  
CAS REGISTRY NO. (RN): 583004-84-6  
SEQUENCE LENGTH (SQL): 3933

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 DATE (DATE): 19 Feb 2004  
 DEFINITION (DEF): Homo sapiens cDNA FLJ46253 fis, clone TESTI4022158,  
 highly similar to Rattus norvegicus transmembrane  
 receptor \*\*\*Unc5H2\*\*\* ( \*\*\*Unc5h2\*\*\* ).  
 KEYWORDS (ST): oligo capping; fis (full insert sequence)  
 SOURCE: Homo sapiens (human)  
 ORGANISM (ORGN): Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;  
 Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;  
 Hominidae; Homo

COMMENT:

NEDO human cDNA sequencing project supported by Ministry of  
 Economy, Trade and Industry of Japan; cDNA full insert sequencing:  
 Research Association for Biotechnology (RAB); cDNA library  
 construction: Helix Research Institute (HRI) (supported by Japan  
 Key Technology Center etc.); 5'- & 3'-end one pass sequencing: RAB,  
 HRI, and Biotechnology Center, National Institute of Technology and  
 Evaluation; clone selection for full insert sequencing: HRI and  
 RAB; annotation: Reverse Proteomics Research Institute, HRI and  
 RAB.

REFERENCE:

1  
 AUTHOR (AU): Ota,T.; Nakagawa,S.; Senoh,A.; Mizuguchi,H.;  
 Inagaki,H.; Sugiyama,T.; Irie,R.; Otsuki,T.; Sato,H.;  
 Wakamatsu,A.; Ishii,S.; Yamamoto,J.; Isono,Y.;  
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 Yamashita,H.; Matsuo,K.; Nakamura,Y.; Sekine,M.;  
 Kikuchi,H.; Kanda,K.; Wagatsuma,M.; Murakawa,K.;  
 Kanehori,K.; Takahashi-Fujii,A.; Oshima,A.;  
 Sugiyama,A.; Kawakami,B.; Suzuki,Y.; Sugano,S.;  
 Nagahari,K.; Masuho,Y.; Nagai,K.; Isogai,T.  
 TITLE (TI): NEDO human cDNA sequencing project  
 JOURNAL (SO): Unpublished  
 REFERENCE: 2 (bases 1 to 3933)  
 AUTHOR (AU): Isogai,T.; Yamamoto,J.  
 TITLE (TI): Direct Submission  
 JOURNAL (SO): Submitted (15-JUL-2003) Takao Isogai, FLJ Project (HRI  
 Team); 2-6-7 Kazusa-Kamatari, Kisarazu, Chiba 292-0818,  
 Japan (E-mail:genomics@hri.co.jp, Tel:81-438-52-3975,  
 Fax:81-438-52-3986)

FEATURES (FEAT):

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GenBank VERSION (VER): AK122610.1 GI:34527786
CAS REGISTRY NO. (RN): 582929-18-8
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MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Primates
DATE (DATE): 9 Sep 2003
DEFINITION (DEF): Homo sapiens cDNA FLJ16019 fis, clone BRAMY2001473,
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receptor ***Unc5H2*** mRNA.
KEYWORDS (ST): oligo capping; fis (full insert sequence)
SOURCE: Homo sapiens (human)
ORGANISM (ORGN): Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;

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NUCLEIC ACID COUNT (NA): 677 a 593 c 537 g 641 t

## COMMENT:

NEDO human cDNA sequencing project supported by Ministry of Economy, Trade and Industry of Japan; cDNA full insert sequencing: Research Association for Biotechnology (RAB); cDNA library construction: Helix Research Institute (HRI) (supported by Japan Key Technology Center etc.); 5'- & 3'-end one pass sequencing: RAB, HRI, and Biotechnology Center, National Institute of Technology and Evaluation; clone selection for full insert sequencing: HRI and RAB; annotation: HRI and RAB.

## REFERENCE:

1

AUTHOR (AU): Tashiro,H.; Yamazaki,M.; Watanabe,K.; Kumagai,A.; Itakura,S.; Fukuzumi,Y.; Fujimori,Y.; Komiyama,M.; Sugiyama,T.; Irie,R.; Otsuki,T.; Sato,H.; Wakamatsu,A.; Ishii,S.; Yamamoto,J.; Isono,Y.; Kawai-Hio,Y.; Saito,K.; Nishikawa,T.; Kimura,K.; Yamashita,H.; Matsuo,K.; Nakamura,Y.; Sekine,M.; Kikuchi,H.; Kanda,K.; Wagatsuma,M.; Murakawa,K.; Kanehori,K.; Takahashi-Fujii,A.; Oshima,A.; Sugiyama,A.; Kawakami,B.; Suzuki,Y.; Sugano,S.; Nagahari,K.; Masuho,Y.; Nagai,K.; Isogai,T.

TITLE (TI): NEDO human cDNA sequencing project

JOURNAL (SO): Unpublished

## REFERENCE:

2 (bases 1 to 2448)

AUTHOR (AU): Isogai,T.; Yamamoto,J.

TITLE (TI): Direct Submission

JOURNAL (SO): Submitted (15-JUL-2003) Takao Isogai, FLJ Project (HRI Team); 2-6-7 Kazusa-Kamatari, Kisarazu, Chiba 292-0818, Japan (E-mail:genomics@hri.co.jp, Tel:81-438-52-3975, Fax:81-438-52-3986)

## FEATURES (FEAT):

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GenBank VERSION (VER): AB114633.1 GI:33438235
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SEQUENCE LENGTH (SQL): 3314
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DIVISION CODE (CI): Other vertebrates
DATE (DATE): 5 Aug 2003
DEFINITION (DEF): Danio rerio SH3BP4 mRNA for src homology 3 binding
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NUCLEIC ACID COUNT (NA): 959 a 746 c 759 g 850 t
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  AUTHOR (AU): Abe,S.; Doi,M.; Nakagawa,T.
  TITLE (TI): Structural and phylogenetic analyses of the SH3BP4
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  TITLE (TI): Danio rerio cDNA for SH3BP4 long form, complete CDS
  JOURNAL (SO): Published Only in Database (2003)
REFERENCE:
  3 (bases 1 to 3314)
  AUTHOR (AU): Abe,S.
  TITLE (TI): Direct Submission
  JOURNAL (SO): Submitted (14-JUL-2003) Shunnosuke Abe, Ehime
               University, Laboratory of Molecular Cell Biology,
               Department of Bioresources, Faculty of Agriculture,
               3-5-7 Tarumi, Matsuyama City, Ehime Prefecture 7908566,
               Japan~(E-mail:abe@mcb.agr.ehime-u.ac.jp,
               URL:http://web-mcb.agr.ehime-u.ac.jp/,
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L2 ANSWER 262 OF 313 GENBANK.RTM. COPYRIGHT 2005 on STN

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LOCUS (LOC): AB104885 GenBank (R)
GenBank ACC. NO. (GBN): AB104885
GenBank VERSION (VER): AB104885.1 GI:33438221
CAS REGISTRY NO. (RN): 562036-96-8
SEQUENCE LENGTH (SQL): 2808
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Other vertebrates
DATE (DATE): 5 Aug 2003
DEFINITION (DEF): Danio rerio SH3BP4 mRNA for truncated SH3 binding
domain protein 4, complete cds.
SOURCE: Danio rerio (zebrafish)
ORGANISM (ORGN): Danio rerio
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Euteleostomi; Actinopterygii; Neopterygii; Teleostei;
Ostariophysi; Cypriniformes; Cyprinidae; Danio
NUCLEIC ACID COUNT (NA): 827 a 629 c 613 g 739 t
REFERENCE: 1
AUTHOR (AU): Abe, S.; Nakagawa, T.
TITLE (TI): Danio rerio mRNA for tr-SH3BP4 (truncated SH3 binding
protein 4) short form
JOURNAL (SO): Published Only in Database (2003)
REFERENCE: 2 (bases 1 to 2808)
AUTHOR (AU): Abe, S.
TITLE (TI): Direct Submission
JOURNAL (SO): Submitted (04-MAR-2003) Shunnosuke Abe, Ehime
University, Laboratory of Molecular Cell Biology,
Department of Bioresources, Faculty of Agriculture,
3-5-7 Tarumi, Matsuyama City, Ehime Prefecture 7908566,

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FEATURES (FEAT):

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gene	1..2808	/gene="SH3BP4"
CDS	146..2419	/gene="SH3BP4" /note="This variant of SH3BP4 in Danio rerio lacks Death domain(pfam00531), which identified in SH3BP4 from five-ray yellowtail (AB086184) and commonly found in those from other species tr-SH3BP4" /codon-start=1 /product="truncated SH3 binding domain protein 4" /protein-id="BAC81502.1" /db-xref="GI:33438222" /translation="MAAHRIRVTNNNNVLPCKS EGTLIDIDEGVTEASLVDVKVPSP SALRLAPSTSFGTAREVVAIKDYCPSSFTTLKFS KGDHLYVLDTSGGEWWYAHNNREM GYIPSTYVQPINYRNSSLSDSGMIDNLGDCSEEG AKELDLLGEWTGVCLKPSLPYDNN NPFSMLSSSTNPFLNGSMDDVLDQKGTALVASMGH PPALDLEALADASQGTIPFFGSKR SYSLSSELSTLQAQSNPPLPSSGFFTGLKAPSPEQ FQNRDFRTAWLNHRKLARSCHDL ESLGQNPFGWGQTQPVETNIVCKLDSYGGAVQLPD TNISIHVPEGHVAVGDTQQISMKA LLDPPELNNDRCSSTVSPVVEIKLSNMEIKSFIT LEMKVSVMTRTESPMAEIVCVRSD CKEGPYSPVPQAYIYDDTIQVQLDNLEPCMYVAV VVQAKHVSFSSNVWNHMKVTLG LYGPKHIHPSFKTVVAIFGHDCAPKTLVSEVGK QAKSAPPVSLQLWGKHQFVLSRPQ DLQIGMYSNMSNYEVKANDQARVVVRGFQIKLGKV SRLIYMISSRKADIEISDFTLRVQV KDDQDCILAQFCVQTPQPPPKTGMRNNGQRRFLK KKEVDKIILSPLAITTKYPQFQER CITNLKFGKLIKTVIRQTKNQYLLLEYKKGDIIAL LSEEKIKLKGQLWTKEWYIGYYQG KIGLVHVKNVLVLGKVKPIYFCGPDLTITMLMEQ ILKPCFKFLTYIYASVRTILMETPH RHPYPRQLPRLASKLRL"
misc-feature	320..484	/gene="SH3BP4" /product="truncated SH3 binding domain protein 4 (tr-SH3BP4)" /note="Region encoding SH3 (Src homology 3) domains (pfam00018)"
misc-feature	1043..1330	/gene="SH3BP4" /product="truncated SH3 binding domain protein 4 (tr-SH3BP4)" /note="Region encoding ZU5, ZU5 domain. Domain present in ZO-1 and Unc5-like netrin receptors Domain (pfaqm00791)"
misc-feature	1694..2077	/gene="SH3BP4" /product="truncated SH3 binding domain protein 4 (tr-SH3BP4)" /note="Region encoding Transposase-2, Probable



## SEQUENCE (SEQ):

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2761 ataacaattt tttcagataa taaaagaaat ctgaataaaa aaaaaaaa

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L2 ANSWER 263 OF 313 GENBANK.RTM. COPYRIGHT 2005 on STN

LOCUS (LOC): AY187310 GenBank (R)  
 GenBank ACC. NO. (GBN): AY187310  
 GenBank VERSION (VER): AY187310.1 GI:31442350  
 CAS REGISTRY NO. (RN): 528194-13-0  
 SEQUENCE LENGTH (SQL): 2962  
 MOLECULE TYPE (CI): mRNA; linear  
 DIVISION CODE (CI): Other vertebrates  
 DATE (DATE): 6 Jun 2003  
 DEFINITION (DEF): Gallus gallus \*\*\*UNC5\*\*\* -like protein 3 mRNA,  
 complete cds.  
 SOURCE: Gallus gallus (chicken)  
 ORGANISM (ORGN): Gallus gallus  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;  
 Euteleostomi; Archosauria; Aves; Neognathae;  
 Galliformes; Phasianidae; Phasianinae; Gallus

REFERENCE: 1 (bases 1 to 2962)  
 AUTHOR (AU): Guan,W.; Condic,M.L.  
 TITLE (TI): Characterization of Netrin-1, Neogenin and cUNC-5H3  
 expression during chick dorsal root ganglia development  
 JOURNAL (SO): Gene Expr. Patterns, 3, 369-373 (2003)  
 OTHER SOURCE (OS): CA 139:320285  
 REFERENCE: 2 (bases 1 to 2962)  
 AUTHOR (AU): Guan,W.; Condic,M.L.  
 TITLE (TI): Direct Submission  
 JOURNAL (SO): Submitted (26-NOV-2002) Neurobiology & Anatomy,  
 University of Utah, 20 North, 1900 East, Salt Lake  
 City, UT 84132-3401, USA

# FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..2962	/organism="Gallus gallus" /mol-type="mRNA" /db-xref="taxon:9031"
CDS	1..2796	/codon-start=1 /product="UNC5-like protein 3" /protein-id="AA067275.1" /db-xref="GI:31442351" /translation="MGKGLEGTAAARCGLGMGYLL HSVVLPALAVLGASRPGSAAQDDD FFHELPETFPSDPPEPLPHFLIEPEEAYIVKNKP VNLYCKASPATQIYFKCNSEWVHQ KDHVVDERVDETSGLIVCEVSIEISRQQVEELFG PEDYWCQCVAWSSAGTTKSRKAYV RIAYLRKTFEQEPLGKEVSLEQEVLLQCRPPEGI PVAEVEWLKNEEVIDPVEDRNFYI TIDHNLIIKQARLSDTANYTCVAKNIVAKRKSTT ATVIVYVNGGWSTWTEWSACNSRC GRGFQKRTRTCTNPAPLNGGAFCEGQNVQKIACT TLCPPVDGKWTWSKWSTCGTECTH WRRRECTAPAPKNGGKDCEGLVLQSKNCTDGLCM QAAPDSDDVALYVGIVIAVIVCLA ISVVVALFVYRKNHRDFESDIIDSSALNGGFQPV NIKAARQDLLAVPPDLTSAAMYR GPVYALHDVSDKIPMTNSPILDPLPNLKIKVYNT SGAVTPQDELSDFSSKLSPQITQS LLENETLVNKNQSLARQTDPSCTAFGTFNLSLGGH LVIPNSGVSLIPAGAVPQGRVYE MYVTVHRKEGMRPPVEDSQTLLTPVVS CGPPGAL LTRPVVLTMHCAEPNMDDWQIQ KHQAGQGPWEDVVVVGEEENFTTPCYIQLDPEACH ILTETLSTYALVGQSITKAAAKRL KLAIFGPLSCSSLEYSIRVYCLDDTQDALKEVLQ LERQMGGQLLEPKTLHFKGSTHN LRLSIHIDIAHSLWKS LPAKYQEIPFYHIWSGCQ RNLHCTFTLERFSLNTLELVCKLC VRQVEGEGQIFQLNCSVSEPTGIDYPIMDSAGS ITTIVGPNAFSIPPLPIRQKLCSSL DAPQTRGHDWRMLAHKLKLD RYLN YFATKSSPTG VILDLWEAQNFDPGNLSMLAAVLE EMGRHETVVS LAAEGNY"

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2881 caatgagtta cacaagagac atttcagaga agaaagcaag caaacaacaa gaaaaaatat
2941 acagccctga ccttcacatg tg

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L2 ANSWER 264 OF 313 GENBANK.RTM. COPYRIGHT 2005 on STN

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LOCUS (LOC): BC048162 GenBank (R)
GenBank ACC. NO. (GBN): BC048162
GenBank VERSION (VER): BC048162.1 GI:29145031
CAS REGISTRY NO. (RN): 503766-79-8
SEQUENCE LENGTH (SQL): 3672
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Rodents
DATE (DATE): 21 Oct 2003
DEFINITION (DEF): Mus musculus unc-5 homolog B (C. elegans), mRNA (cDNA
clone IMAGE:6417563), partial cds.
SOURCE: Mus musculus (house mouse)
ORGANISM (ORGN): Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Euteleostomi; Mammalia; Eutheria; Rodentia;
Sciurognathi; Muridae; Murinae; Mus
NUCLEIC ACID COUNT (NA): 783 a 1137 c 1074 g 678 t
COMMENT:
Contact: MGC help desk
Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Dr. Jim Lin, University of Iowa
cDNA Library Preparation: M. Bento Soares, University of Iowa
cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: University of Iowa, Dr. M. Bento Soares and Dr.
Thomas L. Casavant.
Web site: http://genome.uiowa.edu
Contact: bento-soares@uiowa.edu; tom-casavant@uiowa.edu

```

Fishler,K., Keppel,C., Kucaba,T., Lebeck,M., Melo,A., Schaefer,K.,  
Scheetz,T., Smith,C., Snir,E., Tack,D., Trout,K., Walters,J.,  
Casavant,T., Soares,M.B.

Clone distribution: MGC clone distribution information can be found  
through the I.M.A.G.E. Consortium/LLNL at: <http://image.llnl.gov>

Series: Plate: Row: Column: 0

This clone was selected for full length sequencing because it  
passed the following selection criteria: matched mRNA gi: 21218439.

REFERENCE: 1 (bases 1 to 3672)  
AUTHOR (AU): Strausberg,R.L.; Feingold,E.A.; Grouse,L.H.;  
Derge,J.G.; Klausner,R.D.; Collins,F.S.; Wagner,L.;  
Shenmen,C.M.; Schuler,G.D.; Altschul,S.F.; Zeeberg,B.;  
Buetow,K.H.; Schaefer,C.F.; Bhat,N.K.; Hopkins,R.F.;  
Jordan,H.; Moore,T.; Max,S.I.; Wang,J.; Hsieh,F.;  
Diatchenko,L.; Marusina,K.; Farmer,A.A.; Rubin,G.M.;  
Hong,L.; Stapleton,M.; Soares,M.B.; Bonaldo,M.F.;  
Casavant,T.L.; Scheetz,T.E.; Brownstein,M.J.;  
Usdin,T.B.; Toshiyuki,S.; Carninci,P.; Prange,C.;  
Raha,S.S.; Loquellano,N.A.; Peters,G.J.; Abramson,R.D.;  
Mullahy,S.J.; Bosak,S.A.; McEwan,P.J.; McKernan,K.J.;  
Malek,J.A.; Gunaratne,P.H.; Richards,S.; Worley,K.C.;  
Hale,S.; Garcia,A.M.; Gay,L.J.; Hulyk,S.W.;  
Villalon,D.K.; Muzny,D.M.; Sodergren,E.J.; Lu,X.;  
Gibbs,R.A.; Fahey,J.; Helton,E.; Kettelman,M.; Madan,A.;  
Rodrigues,S.; Sanchez,A.; Whiting,M.; Madan,A.;  
Young,A.C.; Shevchenko,Y.; Bouffard,G.G.;  
Blakesley,R.W.; Touchman,J.W.; Green,E.D.;  
Dickson,M.C.; Rodriguez,A.C.; Grimwood,J.; Schmutz,J.;  
Myers,R.M.; Butterfield,Y.S.; Krzywinski,M.I.;  
Skalska,U.; Smailus,D.E.; Schnerch,A.; Schein,J.E.;  
Jones,S.J.; Marra,M.A.

TITLE (TI): Generation and initial analysis of more than 15,000  
full-length human and mouse cDNA sequences

JOURNAL (SO): Proc. Natl. Acad. Sci. U.S.A., 99 (26), 16899-16903  
(2002)

OTHER SOURCE (OS): CA 138:67676

REFERENCE: 2 (bases 1 to 3672)

AUTHOR (AU): Strausberg,R.

TITLE (TI): Direct Submission

JOURNAL (SO): Submitted (06-MAR-2003) National Institutes of Health,  
Mammalian Gene Collection (MGC), Cancer Genomics  
Office, National Cancer Institute, 31 Center Drive,  
Room 11A03, Bethesda, MD 20892-2590, USA

#### FEATURES (FEAT):

Feature Key	Location	Qualifier
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misc-feature 968..1123

misc-feature 1136..1282

misc-feature 1811..2122

misc-feature 2744..3016

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 receptors"  
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 /gene="Unc5b"  
 /note="DEATH; Region: DEATH  
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 Alpha-helical domain present in a  
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 functions. Some (but not all) of  
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 heterotypic dimers"  
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661 ccgcattgcc tacttgcgca agaactttga ccaggagcct ctggccaagg aggtaccctt
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3661 aaaaaaaaaa aa

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LOCUS (LOC): BC041156 GenBank (R)  
 GenBank ACC. NO. (GBN): BC041156  
 GenBank VERSION (VER): BC041156.1 GI:27370704  
 CAS REGISTRY NO. (RN): 492985-83-8  
 SEQUENCE LENGTH (SQL): 2270  
 MOLECULE TYPE (CI): mRNA; linear  
 DIVISION CODE (CI): Primates  
 DATE (DATE): 21 Oct 2003  
 DEFINITION (DEF): Homo sapiens unc-5 homolog C (C. elegans), mRNA (cDNA clone MGC:48696 IMAGE:5208108), complete cds.

SOURCE: Homo sapiens (human)  
 ORGANISM (ORGN): Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;  
 Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;  
 Hominidae; Homo

NUCLEIC ACID COUNT (NA): 577 a 569 c 585 g 539 t

COMMENT:  
 Contact: MGC help desk  
 Email: cgapbs-r@mail.nih.gov  
 Tissue Procurement: Life Technologies, Inc.  
 cDNA Library Preparation: Life Technologies, Inc.  
 cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)  
 DNA Sequencing by: Institute for Systems Biology  
<http://www.systemsbiology.org>  
 contact: amadan@systemsbiology.org  
 Anup Madan, Jessica Fahey, Erin Helton, Mark Kettelman, Anuradha  
 Madan, Stephanie Rodrigues, Amy Sanchez and Michelle Whiting  
 Clone distribution: MGC clone distribution information can be found  
 through the I.M.A.G.E. Consortium/LLNL at: <http://image.llnl.gov>  
 Series: IRAK Plate: 84 Row: d Column: 5  
 This clone was selected for full length sequencing because it  
 passed the following selection criteria: matched mRNA gi: 16933524.

REFERENCE: 1 (bases 1 to 2270)  
 AUTHOR (AU): Strausberg,R.L.; Feingold,E.A.; Grouse,L.H.;  
 Derge,J.G.; Klausner,R.D.; Collins,F.S.; Wagner,L.;  
 Shenmen,C.M.; Schuler,G.D.; Altschul,S.F.; Zeeberg,B.;  
 Buetow,K.H.; Schaefer,C.F.; Bhat,N.K.; Hopkins,R.F.;  
 Jordan,H.; Moore,T.; Max,S.I.; Wang,J.; Hsieh,F.;  
 Diatchenko,L.; Marusina,K.; Farmer,A.A.; Rubin,G.M.;  
 Hong,L.; Stapleton,M.; Soares,M.B.; Bonaldo,M.F.;  
 Casavant,T.L.; Scheetz,T.E.; Brownstein,M.J.;  
 Usdin,T.B.; Toshiyuki,S.; Carninci,P.; Prange,C.;  
 Raha,S.S.; Loquellano,N.A.; Peters,G.J.; Abramson,R.D.;  
 Mullahy,S.J.; Bosak,S.A.; McEwan,P.J.; McKernan,K.J.;  
 Malek,J.A.; Gunaratne,P.H.; Richards,S.; Worley,K.C.;  
 Hale,S.; Garcia,A.M.; Gay,L.J.; Hulyk,S.W.;  
 Villalon,D.K.; Muzny,D.M.; Sodergren,E.J.; Lu,X.;  
 Gibbs,R.A.; Fahey,J.; Helton,E.; Kettelman,M.; Madan,A.;  
 Rodrigues,S.; Sanchez,A.; Whiting,M.; Madan,A.;  
 Young,A.C.; Shevchenko,Y.; Bouffard,G.G.;  
 Blakesley,R.W.; Touchman,J.W.; Green,E.D.;  
 Dickson,M.C.; Rodriguez,A.C.; Grimwood,J.; Schmutz,J.;  
 Myers,R.M.; Butterfield,Y.S.; Krzywinski,M.I.;  
 Skalska,U.; Smailus,D.E.; Schnerch,A.; Schein,J.E.;  
 Jones,S.J.; Marra,M.A.

TITLE (TI): Generation and initial analysis of more than 15,000  
 full-length human and mouse cDNA sequences

JOURNAL (SO): Proc. Natl. Acad. Sci. U.S.A., 99 (26), 16899-16903  
 (2002)

OTHER SOURCE (OS): CA 138:67676

REFERENCE: 2 (bases 1 to 2270)  
 AUTHOR (AU): Strausberg,R.  
 TITLE (TI): Direct Submission  
 JOURNAL (SO): Submitted (16-DEC-2002) National Institutes of Health,  
 Mammalian Gene Collection (MGC), Cancer Genomics  
 Office, National Cancer Institute, 31 Center Drive,  
 Room 11A03, Bethesda, MD 20892-2590, USA

FEATURES (FEAT):

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gene	1..2270	/note="Vector: pCMV-SPORT6" /gene="UNC5C" /note="synonym: UNC5H3" /db-xref="LocusID:8633" /db-xref="MIM:603610"
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LOCUS (LOC): AK031655 GenBank (R)  
 GenBank ACC. NO. (GBN): AK031655  
 GenBank VERSION (VER): AK031655.1 GI:26327502  
 CAS REGISTRY NO. (RN): 486389-66-6  
 SEQUENCE LENGTH (SQL): 3790  
 MOLECULE TYPE (CI): mRNA; linear  
 DIVISION CODE (CI): High-Throughput CDNA Sequencing  
 DATE (DATE): 3 Apr 2004  
 DEFINITION (DEF): Mus musculus 13 days embryo male testis cDNA, RIKEN  
 full-length enriched library, clone:6030473H24 product:  
 \*\*\*unc5\*\*\* homolog (C. elegans) 3, full insert  
 sequence.  
 KEYWORDS (ST): HTC; CAP trapper  
 SOURCE: Mus musculus (house mouse)  
 ORGANISM (ORGN): Mus musculus  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;  
 Euteleostomi; Mammalia; Eutheria; Rodentia;  
 Sciurognathi; Muridae; Murinae; Mus

COMMENT:

cDNA library was prepared and sequenced in Mouse Genome  
 Encyclopedia Project of Genome Exploration Research Group in Riken  
 Genomic Sciences Center and Genome Science Laboratory in RIKEN.  
 Division of Experimental Animal Research in Riken contributed to  
 prepare mouse tissues.  
 Please visit our web site for further details.  
 URL:<http://genome.gsc.riken.jp/>  
 URL:<http://fantom.gsc.riken.jp/>.

REFERENCE: 1  
 AUTHOR (AU): Carninci,P.; Hayashizaki,Y.  
 TITLE (TI): High-efficiency full-length cDNA cloning  
 JOURNAL (SO): Meth. Enzymol., 303, 19-44 (1999)  
 OTHER SOURCE (OS): CA 131:318304

REFERENCE: 2  
 AUTHOR (AU): Carninci,P.; Shibata,Y.; Hayatsu,N.; Sugahara,Y.;  
 Shibata,K.; Itoh,M.; Konno,H.; Okazaki,Y.;  
 Muramatsu,M.; Hayashizaki,Y.  
 TITLE (TI): Normalization and subtraction of cap-trapper-selected  
 cDNAs to prepare full-length cDNA libraries for rapid  
 discovery of new genes  
 JOURNAL (SO): Genome Res., 10 (10), 1617-1630 (2000)  
 OTHER SOURCE (OS): CA 134:305920

REFERENCE: 3  
 AUTHOR (AU): Shibata,K.; Itoh,M.; Aizawa,K.; Nagaoka,S.; Sasaki,N.;  
 Carninci,P.; Konno,H.; Akiyama,J.; Nishi,K.;  
 Kitsunai,T.; Tashiro,H.; Itoh,M.; Sumi,N.; Ishii,Y.;  
 Nakamura,S.; Hazama,M.; Nishine,T.; Harada,A.;  
 Yamamoto,R.; Matsumoto,H.; Sakaguchi,S.; Ikegami,T.;  
 Kashiwagi,K.; Fujiwake,S.; Inoue,K.; Togawa,Y.;  
 Izawa,M.; Ohara,E.; Watahiki,M.; Yoneda,Y.;  
 Ishikawa,T.; Ozawa,K.; Tanaka,T.; Matsuura,S.;  
 Kawai,J.; Okazaki,Y.; Muramatsu,M.; Inoue,Y.; Kira,A.;

TITLE (TI): RIKEN integrated sequence analysis (RISA)  
 system--384-format sequencing pipeline with 384  
 multicapillary sequencer  
 JOURNAL (SO): Genome Res., 10 (11), 1757-1771 (2000)  
 REFERENCE: 4  
 AUTHOR (AU): The RIKEN Genome Exploration Research Group Phase II  
 Team; the FANTOM Consortium.  
 TITLE (TI): Functional annotation of a full-length mouse cDNA  
 collection  
 JOURNAL (SO): Nature, 409, 685-690 (2001)  
 OTHER SOURCE (OS): CA 134:203311  
 REFERENCE: 5  
 AUTHOR (AU): The FANTOM Consortium; the RIKEN Genome Exploration  
 Research Group Phase I & II Team.  
 TITLE (TI): Analysis of the mouse transcriptome based on functional  
 annotation of 60,770 full-length cDNAs  
 JOURNAL (SO): Nature, 420, 563-573 (2002)  
 OTHER SOURCE (OS): CA 138:131939  
 REFERENCE: 6 (bases 1 to 3790)  
 AUTHOR (AU): Adachi,J.; Aizawa,K.; Akimura,T.; Arakawa,T.; Bono,H.;  
 Carninci,P.; Fukuda,S.; Furuno,M.; Hanagaki,T.;  
 Hara,A.; Hashizume,W.; Hayashida,K.; Hayatsu,N.;  
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 Miyazaki,A.; Murata,M.; Nakamura,M.; Nishi,K.;  
 Nomura,K.; Numazaki,R.; Ohno,M.; Ohsato,N.; Okazaki,Y.;  
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 Shiraki,T.; Sogabe,Y.; Tagami,M.; Tagawa,A.;  
 Takahashi,F.; Takaku-Akahira,S.; Takeda,Y.; Tanaka,T.;  
 Tomaru,A.; Toya,T.; Yasunishi,A.; Muramatsu,M.;  
 Hayashizaki,Y.  
 TITLE (TI): Direct Submission  
 JOURNAL (SO): Submitted (16-JUL-2001) Yoshihide Hayashizaki, The  
 Institute of Physical and Chemical Research (RIKEN),  
 Laboratory for Genome Exploration Research Group, RIKEN  
 Genomic Sciences Center (GSC), RIKEN Yokohama  
 Institute; 1-7-22 Suehiro-cho, Tsurumi-ku, Yokohama,  
 Kanagawa 230-0045, Japan (E-mail:genome-  
 res@gsc.riken.jp, URL:http://genome.gsc.riken.jp/,  
 Tel:81-45-503-9222, Fax:81-45-503-9216)

FEATURES (FEAT):  
 Feature Key Location Qualifier  
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L2 ANSWER 267 OF 313 GENBANK.RTM. COPYRIGHT 2005 on STN

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GenBank VERSION (VER): AK084569.1 GI:26102075
CAS REGISTRY NO. (RN): 492836-81-4
SEQUENCE LENGTH (SQL): 2081
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): High-Throughput CDNA Sequencing
DATE (DATE): 3 Apr 2004
DEFINITION (DEF): Mus musculus 13 days embryo heart cDNA, RIKEN
full-length enriched library, clone:D330016C04
product:TRANSMEMBRANE RECEPTOR ***UNC5H2*** homolog
[Rattus norvegicus], full insert sequence.
KEYWORDS (ST): HTC; CAP trapper
SOURCE: Mus musculus (house mouse)
ORGANISM (ORGN): Mus musculus
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Euteleostomi; Mammalia; Eutheria; Rodentia;
Sciurognathi; Muridae; Murinae; Mus
COMMENT:
cdNA library was prepared and sequenced in Mouse Genome
Encyclopedia Project of Genome Exploration Research Group in Riken
Genomic Sciences Center and Genome Science Laboratory in RIKEN.
Division of Experimental Animal Research in Riken contributed to
prepare mouse tissues.
Please visit our web site for further details.
URL:http://genome.gsc.riken.jp/
URL:http://fantom.gsc.riken.jp/.
REFERENCE: 1
AUTHOR (AU): Carninci,P.; Hayashizaki,Y.
TITLE (TI): High-efficiency full-length cDNA cloning
JOURNAL (SO): Meth. Enzymol., 303, 19-44 (1999)
OTHER SOURCE (OS): CA 131:318304
REFERENCE: 2
AUTHOR (AU): Carninci,P.; Shibata,Y.; Hayatsu,N.; Sugahara,Y.;
Shibata,K.; Itoh,M.; Konno,H.; Okazaki,Y.;
Muramatsu,M.; Hayashizaki,Y.
TITLE (TI): Normalization and subtraction of cap-trapper-selected
cDNAs to prepare full-length cDNA libraries for rapid

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JOURNAL (SO): Genome Res., 10 (10), 1617-1630 (2000)  
 OTHER SOURCE (OS): CA 134:305920  
 REFERENCE: 3  
 AUTHOR (AU): Shibata,K.; Itoh,M.; Aizawa,K.; Nagaoka,S.; Sasaki,N.;  
 Carninci,P.; Konno,H.; Akiyama,J.; Nishi,K.;  
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 Kawai,J.; Okazaki,Y.; Muramatsu,M.; Inoue,Y.; Kira,A.;  
 Hayashizaki,Y.

TITLE (TI): RIKEN integrated sequence analysis (RISA)  
 system--384-format sequencing pipeline with 384  
 multicapillary sequencer

JOURNAL (SO): Genome Res., 10 (11), 1757-1771 (2000)  
 REFERENCE: 4  
 AUTHOR (AU): The RIKEN Genome Exploration Research Group Phase II  
 Team; the FANTOM Consortium.

TITLE (TI): Functional annotation of a full-length mouse cDNA  
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JOURNAL (SO): Nature, 409, 685-690 (2001)  
 OTHER SOURCE (OS): CA 134:203311  
 REFERENCE: 5  
 AUTHOR (AU): The FANTOM Consortium; the RIKEN Genome Exploration  
 Research Group Phase I & II Team.

TITLE (TI): Analysis of the mouse transcriptome based on functional  
 annotation of 60,770 full-length cDNAs

JOURNAL (SO): Nature, 420, 563-573 (2002)  
 OTHER SOURCE (OS): CA 138:131939  
 REFERENCE: 6 (bases 1 to 2081)  
 AUTHOR (AU): Adachi,J.; Aizawa,K.; Akimura,T.; Arakawa,T.; Bono,H.;  
 Carninci,P.; Fukuda,S.; Furuno,M.; Hanagaki,T.;  
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 Tomaru,A.; Toya,T.; Yasunishi,A.; Muramatsu,M.;  
 Hayashizaki,Y.

TITLE (TI): Direct Submission

JOURNAL (SO): Submitted (16-APR-2002) Yoshihide Hayashizaki, The  
 Institute of Physical and Chemical Research (RIKEN),  
 Laboratory for Genome Exploration Research Group, RIKEN  
 Genomic Sciences Center (GSC), RIKEN Yokohama  
 Institute; 1-7-22 Suehiro-cho, Tsurumi-ku, Yokohama,  
 Kanagawa 230-0045, Japan (E-mail:genome-  
 res@gsc.riken.jp, URL:http://genome.gsc.riken.jp/,  
 Tel:81-45-503-9222, Fax:81-45-503-9216)

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misc-feature 1..2081

/dev-stage="13 days embryo"  
/note="TRANSMEMBRANE RECEPTOR  
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(SPTR|008722, evidence: FASTY,  
96.5%ID, 100%length, match=2835)"

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L2 ANSWER 268 OF 313 GENBANK.RTM. COPYRIGHT 2005 on STN

LOCUS (LOC): AK048339 GenBank (R)  
GenBank ACC. NO. (GBN): AK048339  
GenBank VERSION (VER): AK048339.1 GI:26092820  
CAS REGISTRY NO. (RN): 492772-21-1  
SEQUENCE LENGTH (SQL): 2358  
MOLECULE TYPE (CI): mRNA; linear  
DIVISION CODE (CI): High-Throughput CDNA Sequencing  
DATE (DATE): 3 Apr 2004  
DEFINITION (DEF): Mus musculus 16 days embryo head cDNA, RIKEN  
full-length enriched library, clone:C130050E15 product:  
\*\*\*unc5\*\*\* homolog (C. elegans) 3, full insert  
sequence.  
KEYWORDS (ST): HTC; CAP trapper  
SOURCE: Mus musculus (house mouse)  
ORGANISM (ORGN): Mus musculus  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;  
Euteleostomi; Mammalia; Eutheria; Rodentia;  
Sciurognathi; Muridae; Murinae; Mus

COMMENT:

cDNA library was prepared and sequenced in Mouse Genome  
Encyclopedia Project of Genome Exploration Research Group in Riken  
Genomic Sciences Center and Genome Science Laboratory in RIKEN.  
Division of Experimental Animal Research in Riken contributed to

Please visit our web site for further details.

URL:<http://genome.gsc.riken.jp/>

URL:<http://fantom.gsc.riken.jp/>.

REFERENCE:

1

AUTHOR (AU): Carninci,P.; Hayashizaki,Y.  
TITLE (TI): High-efficiency full-length cDNA cloning  
JOURNAL (SO): Meth. Enzymol., 303, 19-44 (1999)  
OTHER SOURCE (OS): CA 131:318304

REFERENCE:

2

AUTHOR (AU): Carninci,P.; Shibata,Y.; Hayatsu,N.; Sugahara,Y.;  
Shibata,K.; Itoh,M.; Konno,H.; Okazaki,Y.;  
Muramatsu,M.; Hayashizaki,Y.  
TITLE (TI): Normalization and subtraction of cap-trapper-selected  
cDNAs to prepare full-length cDNA libraries for rapid  
discovery of new genes  
JOURNAL (SO): Genome Res., 10 (10), 1617-1630 (2000)  
OTHER SOURCE (OS): CA 134:305920

REFERENCE:

3

AUTHOR (AU): Shibata,K.; Itoh,M.; Aizawa,K.; Nagaoka,S.; Sasaki,N.;  
Carninci,P.; Konno,H.; Akiyama,J.; Nishi,K.;  
Kitsunai,T.; Tashiro,H.; Itoh,M.; Sumi,N.; Ishii,Y.;  
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Kawai,J.; Okazaki,Y.; Muramatsu,M.; Inoue,Y.; Kira,A.;  
Hayashizaki,Y.  
TITLE (TI): RIKEN integrated sequence analysis (RISA)  
system--384-format sequencing pipeline with 384  
multicapillary sequencer  
JOURNAL (SO): Genome Res., 10 (11), 1757-1771 (2000)

REFERENCE:

4

AUTHOR (AU): The RIKEN Genome Exploration Research Group Phase II  
Team; the FANTOM Consortium.  
TITLE (TI): Functional annotation of a full-length mouse cDNA  
collection  
JOURNAL (SO): Nature, 409, 685-690 (2001)  
OTHER SOURCE (OS): CA 134:203311

REFERENCE:

5

AUTHOR (AU): The FANTOM Consortium; the RIKEN Genome Exploration  
Research Group Phase I & II Team.  
TITLE (TI): Analysis of the mouse transcriptome based on functional  
annotation of 60,770 full-length cDNAs  
JOURNAL (SO): Nature, 420, 563-573 (2002)  
OTHER SOURCE (OS): CA 138:131939

REFERENCE:

6 (bases 1 to 2358)

AUTHOR (AU): Adachi,J.; Aizawa,K.; Akimura,T.; Arakawa,T.; Bono,H.;  
Carninci,P.; Fukuda,S.; Furuno,M.; Hanagaki,T.;  
Hara,A.; Hashizume,W.; Hayashida,K.; Hayatsu,N.;  
Hiramoto,K.; Hiraoka,T.; Hirozane,T.; Hori,F.;  
Imotani,K.; Ishii,Y.; Itoh,M.; Kagawa,I.; Kasukawa,T.;  
Katoh,H.; Kawai,J.; Kojima,Y.; Kondo,S.; Konno,H.;  
Kouda,M.; Koya,S.; Kurihara,C.; Matsuyama,T.;  
Miyazaki,A.; Murata,M.; Nakamura,M.; Nishi,K.;  
Nomura,K.; Numazaki,R.; Ohno,M.; Ohsato,N.; Okazaki,Y.;  
Saito,R.; Saitoh,H.; Sakai,C.; Sakai,K.; Sakazume,N.;  
Sano,H.; Sasaki,D.; Shibata,K.; Shinagawa,A.;  
Shiraki,T.; Sogabe,Y.; Tagami,M.; Tagawa,A.;  
Takahashi,F.; Takaku-Akahira,S.; Takeda,Y.; Tanaka,T.;  
Tomaru,A.; Toya,T.; Yasunishi,A.; Muramatsu,M.;  
Hayashizaki,Y.

TITLE (TI): Direct Submission

JOURNAL (SO): Submitted (16-JUL-2001) Yoshihide Hayashizaki, The  
Institute of Physical and Chemical Research (RIKEN),  
Laboratory for Genome Exploration Research Group, RIKEN  
Genomic Sciences Center (GSC), RIKEN Yokohama  
Institute; 1-7-22 Suehiro-cho, Tsurumi-ku, Yokohama,

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L2 ANSWER 269 OF 313 GENBANK.RTM. COPYRIGHT 2005 on STN

LOCUS (LOC): AK045251 GenBank (R)  
GenBank ACC. NO. (GBN): AK045251  
GenBank VERSION (VER): AK045251.1 GI:26090799



SEQUENCE LENGTH (SQL): 3376  
 MOLECULE TYPE (CI): mRNA; linear  
 DIVISION CODE (CI): High-Throughput CDNA Sequencing  
 DATE (DATE): 3 Apr 2004  
 DEFINITION (DEF): Mus musculus 9.5 days embryo parthenogenote cDNA, RIKEN full-length enriched library, clone:B130051018 product: \*\*\*unc5\*\*\* homolog (C. elegans) 3, full insert sequence.  
 KEYWORDS (ST): HTC; CAP trapper  
 SOURCE: Mus musculus (house mouse)  
 ORGANISM (ORGN): Mus musculus  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus  
 COMMENT:  
 cDNA library was prepared and sequenced in Mouse Genome Encyclopedia Project of Genome Exploration Research Group in Riken Genomic Sciences Center and Genome Science Laboratory in RIKEN. Division of Experimental Animal Research in Riken contributed to prepare mouse tissues. Tissues were provided by Dr. Tomohiro Kono (Department of Animal Science, Tokyo University of Agriculture, 1737 Hunako Atsugi City, Kanagawa Prefecture, Japan) whose assistance we gratefully acknowledge. Please visit our web site for further details.  
 URL:<http://genome.gsc.riken.jp/>  
 URL:<http://fantom.gsc.riken.jp/>.  
 REFERENCE: 1  
 AUTHOR (AU): Carninci,P.; Hayashizaki,Y.  
 TITLE (TI): High-efficiency full-length cDNA cloning  
 JOURNAL (SO): Meth. Enzymol., 303, 19-44 (1999)  
 OTHER SOURCE (OS): CA 131:318304  
 REFERENCE: 2  
 AUTHOR (AU): Carninci,P.; Shibata,Y.; Hayatsu,N.; Sugahara,Y.; Shibata,K.; Itoh,M.; Konno,H.; Okazaki,Y.; Muramatsu,M.; Hayashizaki,Y.  
 TITLE (TI): Normalization and subtraction of cap-trapper-selected cDNAs to prepare full-length cDNA libraries for rapid discovery of new genes  
 JOURNAL (SO): Genome Res., 10 (10), 1617-1630 (2000)  
 OTHER SOURCE (OS): CA 134:305920  
 REFERENCE: 3  
 AUTHOR (AU): Shibata,K.; Itoh,M.; Aizawa,K.; Nagaoka,S.; Sasaki,N.; Carninci,P.; Konno,H.; Akiyama,J.; Nishi,K.; Kitsunai,T.; Tashiro,H.; Itoh,M.; Sumi,N.; Ishii,Y.; Nakamura,S.; Hazama,M.; Nishine,T.; Harada,A.; Yamamoto,R.; Matsumoto,H.; Sakaguchi,S.; Ikegami,T.; Kashiwagi,K.; Fujiwake,S.; Inoue,K.; Togawa,Y.; Izawa,M.; Ohara,E.; Watahiki,M.; Yoneda,Y.; Ishikawa,T.; Ozawa,K.; Tanaka,T.; Matsuura,S.; Kawai,J.; Okazaki,Y.; Muramatsu,M.; Inoue,Y.; Kira,A.; Hayashizaki,Y.  
 TITLE (TI): RIKEN integrated sequence analysis (RISA) system--384-format sequencing pipeline with 384 multicapillary sequencer  
 JOURNAL (SO): Genome Res., 10 (11), 1757-1771 (2000)  
 REFERENCE: 4  
 AUTHOR (AU): The RIKEN Genome Exploration Research Group Phase II Team; the FANTOM Consortium.  
 TITLE (TI): Functional annotation of a full-length mouse cDNA collection  
 JOURNAL (SO): Nature, 409, 685-690 (2001)  
 OTHER SOURCE (OS): CA 134:203311  
 REFERENCE: 5  
 AUTHOR (AU): The FANTOM Consortium; the RIKEN Genome Exploration Research Group Phase I & II Team.  
 TITLE (TI): Analysis of the mouse transcriptome based on functional annotation of 60,770 full-length cDNAs

OTHER SOURCE (OS): CA 138:131939  
REFERENCE: 6 (bases 1 to 3376)  
AUTHOR (AU): Adachi,J.; Aizawa,K.; Akimura,T.; Arakawa,T.; Bono,H.; Carninci,P.; Fukuda,S.; Furuno,M.; Hanagaki,T.; Hara,A.; Hashizume,W.; Hayashida,K.; Hayatsu,N.; Hiramoto,K.; Hiraoka,T.; Hirozane,T.; Hori,F.; Imotani,K.; Ishii,Y.; Itoh,M.; Kagawa,I.; Kasukawa,T.; Katoh,H.; Kawai,J.; Kojima,Y.; Kondo,S.; Konno,H.; Kouda,M.; Koya,S.; Kurihara,C.; Matsuyama,T.; Miyazaki,A.; Murata,M.; Nakamura,M.; Nishi,K.; Nomura,K.; Numazaki,R.; Ohno,M.; Ohsato,N.; Okazaki,Y.; Saito,R.; Saitoh,H.; Sakai,C.; Sakai,K.; Sakazume,N.; Sano,H.; Sasaki,D.; Shibata,K.; Shinagawa,A.; Shiraki,T.; Sogabe,Y.; Tagami,M.; Tagawa,A.; Takahashi,F.; Takaku-Akahira,S.; Takeda,Y.; Tanaka,T.; Tomaru,A.; Toya,T.; Yasunishi,A.; Muramatsu,M.; Hayashizaki,Y.  
TITLE (TI): Direct Submission  
JOURNAL (SO): Submitted (16-JUL-2001) Yoshihide Hayashizaki, The Institute of Physical and Chemical Research (RIKEN), Laboratory for Genome Exploration Research Group, RIKEN Genomic Sciences Center (GSC), RIKEN Yokohama Institute; 1-7-22 Suehiro-cho, Tsurumi-ku, Yokohama, Kanagawa 230-0045, Japan (E-mail:genome-res@gsc.riken.jp, URL:http://genome.gsc.riken.jp/, Tel:81-45-503-9222, Fax:81-45-503-9216)

FEATURES (FEAT):

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L2 ANSWER 270 OF 313 GENBANK.RTM. COPYRIGHT 2005 on STN

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GenBank VERSION (VER): AK041547.1 GI:26088517
CAS REGISTRY NO. (RN): 492729-47-2
SEQUENCE LENGTH (SQL): 2134
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): High-Throughput CDNA Sequencing
DATE (DATE): 3 Apr 2004
DEFINITION (DEF): Mus musculus 3 days neonate thymus cDNA, RIKEN
full-length enriched library, clone:A630020F16
product:TRANSMEMBRANE RECEPTOR ***UNC5H2*** homolog
[Rattus norvegicus], full insert sequence.
KEYWORDS (ST): HTC; CAP trapper
SOURCE: Mus musculus (house mouse)
ORGANISM (ORGN): Mus-musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Euteleostomi; Mammalia; Eutheria; Rodentia;
Sciurognathi; Muridae; Murinae; Mus

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COMMENT:

cDNA library was prepared and sequenced in Mouse Genome Encyclopedia Project of Genome Exploration Research Group in Riken Genomic Sciences Center and Genome Science Laboratory in RIKEN. Division of Experimental Animal Research in Riken contributed to prepare mouse tissues. Tissues were provided by Dr. John Todd (Dept. of Medical Genetics Wellcome Trust Centre for Molecular Mechanisms in Disease Wellcome Trust/MRC building Addenbrookes Hospital Cambridge) whose assistance we gratefully acknowledge. Please visit our web site for further details. URL:<http://genome.gsc.riken.jp/> URL:<http://fantom.gsc.riken.jp/>.

AUTHOR (AU): Carninci,P.; Hayashizaki,Y.  
 TITLE (TI): High-efficiency full-length cDNA cloning  
 JOURNAL (SO): Meth. Enzymol., 303, 19-44 (1999)  
 OTHER SOURCE (OS): CA 131:318304  
 REFERENCE: 2  
 AUTHOR (AU): Carninci,P.; Shibata,Y.; Hayatsu,N.; Sugahara,Y.;  
 Shibata,K.; Itoh,M.; Konno,H.; Okazaki,Y.;  
 Muramatsu,M.; Hayashizaki,Y.  
 TITLE (TI): Normalization and subtraction of cap-trapper-selected  
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 JOURNAL (SO): Genome Res., 10 (10), 1617-1630 (2000)  
 OTHER SOURCE (OS): CA 134:305920  
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 AUTHOR (AU): Shibata,K.; Itoh,M.; Aizawa,K.; Nagaoka,S.; Sasaki,N.;  
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 Hayashizaki,Y.  
 TITLE (TI): RIKEN integrated sequence analysis (RISA)  
 system--384-format sequencing pipeline with 384  
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 JOURNAL (SO): Genome Res., 10 (11), 1757-1771 (2000)  
 REFERENCE: 4  
 AUTHOR (AU): The RIKEN Genome Exploration Research Group Phase II  
 Team; the FANTOM Consortium.  
 TITLE (TI): Functional annotation of a full-length mouse cDNA  
 collection  
 JOURNAL (SO): Nature, 409, 685-690 (2001)  
 OTHER SOURCE (OS): CA 134:203311  
 REFERENCE: 5  
 AUTHOR (AU): The FANTOM Consortium; the RIKEN Genome Exploration  
 Research Group Phase I & II Team.  
 TITLE (TI): Analysis of the mouse transcriptome based on functional  
 annotation of 60,770 full-length cDNAs  
 JOURNAL (SO): Nature, 420, 563-573 (2002)  
 OTHER SOURCE (OS): CA 138:131939  
 REFERENCE: 6 (bases 1 to 2134)  
 AUTHOR (AU): Adachi,J.; Aizawa,K.; Akimura,T.; Arakawa,T.; Bono,H.;  
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 Hara,A.; Hashizume,W.; Hayashida,K.; Hayatsu,N.;  
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 Shiraki,T.; Sogabe,Y.; Tagami,M.; Tagawa,A.;  
 Takahashi,F.; Takaku-Akahira,S.; Takeda,Y.; Tanaka,T.;  
 Tomaru,A.; Toya,T.; Yasunishi,A.; Muramatsu,M.;  
 Hayashizaki,Y.  
 TITLE (TI): Direct Submission  
 JOURNAL (SO): Submitted (16-JUL-2001) Yoshihide Hayashizaki, The  
 Institute of Physical and Chemical Research (RIKEN),  
 Laboratory for Genome Exploration Research Group, RIKEN  
 Genomic Sciences Center (GSC), RIKEN Yokohama  
 Institute; 1-7-22 Suehiro-cho, Tsurumi-ku, Yokohama,  
 Kanagawa 230-0045, Japan (E-mail:genome-  
 res@gsc.riken.jp, URL:http://genome.gsc.riken.jp/,  
 Tel:81-45-503-9222, Fax:81-45-503-9216)

Feature Key	Location	Qualifier
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L2 ANSWER 271 OF 313 GENBANK.RTM. COPYRIGHT 2005 on STN

LOCUS (LOC): AK035842 GenBank (R)  
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 GenBank VERSION (VER): AK035842.1 GI:26084863  
 CAS REGISTRY NO. (RN): 492705-68-7  
 SEQUENCE LENGTH (SQL): 3620  
 MOLECULE TYPE (CI): mRNA; linear  
 DIVISION CODE (CI): High-Throughput CDNA Sequencing  
 DATE (DATE): 3 Apr 2004  
 DEFINITION (DEF): Mus musculus 16 days neonate cerebellum cDNA, RIKEN full-length enriched library, clone:9630009N10 product: \*\*\*unc5\*\*\* homolog (C. elegans) 3, full insert

KEYWORDS (ST): HTC; CAP trapper  
SOURCE: Mus musculus (house mouse)  
ORGANISM (ORGN): Mus musculus  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;  
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Sciurognathi; Muridae; Murinae; Mus

COMMENT:  
cDNA library was prepared and sequenced in Mouse Genome  
Encyclopedia Project of Genome Exploration Research Group in Riken  
Genomic Sciences Center and Genome Science Laboratory in RIKEN.  
Division of Experimental Animal Research in Riken contributed to  
prepare mouse tissues.  
Please visit our web site for further details.  
URL:<http://genome.gsc.riken.jp/>  
URL:<http://fantom.gsc.riken.jp/>.

REFERENCE: 1  
AUTHOR (AU): Carninci,P.; Hayashizaki,Y.  
TITLE (TI): High-efficiency full-length cDNA cloning  
JOURNAL (SO): Meth. Enzymol., 303, 19-44 (1999)  
OTHER SOURCE (OS): CA 131:318304

REFERENCE: 2  
AUTHOR (AU): Carninci,P.; Shibata,Y.; Hayatsu,N.; Sugahara,Y.;  
Shibata,K.; Itoh,M.; Konno,H.; Okazaki,Y.;  
Muramatsu,M.; Hayashizaki,Y.  
TITLE (TI): Normalization and subtraction of cap-trapper-selected  
cDNAs to prepare full-length cDNA libraries for rapid  
discovery of new genes  
JOURNAL (SO): Genome Res., 10 (10), 1617-1630 (2000)  
OTHER SOURCE (OS): CA 134:305920

REFERENCE: 3  
AUTHOR (AU): Shibata,K.; Itoh,M.; Aizawa,K.; Nagaoka,S.; Sasaki,N.;  
Carninci,P.; Konno,H.; Akiyama,J.; Nishi,K.;  
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Hayashizaki,Y.  
TITLE (TI): RIKEN integrated sequence analysis (RISA)  
system--384-format sequencing pipeline with 384  
multicapillary sequencer  
JOURNAL (SO): Genome Res., 10 (11), 1757-1771 (2000)

REFERENCE: 4  
AUTHOR (AU): The RIKEN Genome Exploration Research Group Phase II  
Team; the FANTOM Consortium.  
TITLE (TI): Functional annotation of a full-length mouse cDNA  
collection  
JOURNAL (SO): Nature, 409, 685-690 (2001)  
OTHER SOURCE (OS): CA 134:203311

REFERENCE: 5  
AUTHOR (AU): The FANTOM Consortium; the RIKEN Genome Exploration  
Research Group Phase I & II Team.  
TITLE (TI): Analysis of the mouse transcriptome based on functional  
annotation of 60,770 full-length cDNAs  
JOURNAL (SO): Nature, 420, 563-573 (2002)  
OTHER SOURCE (OS): CA 138:131939

REFERENCE: 6 (bases 1 to 3620)  
AUTHOR (AU): Adachi,J.; Aizawa,K.; Akimura,T.; Arakawa,T.; Bono,H.;  
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 Tomaru,A.; Toya,T.; Yasunishi,A.; Muramatsu,M.;  
 Hayashizaki,Y.  
 TITLE (TI): Direct Submission  
 JOURNAL (SO): Submitted (16-JUL-2001) Yoshihide Hayashizaki, The  
 Institute of Physical and Chemical Research (RIKEN),  
 Laboratory for Genome Exploration Research Group, RIKEN  
 Genomic Sciences Center (GSC), RIKEN Yokohama  
 Institute; 1-7-22 Suehiro-cho, Tsurumi-ku, Yokohama,  
 Kanagawa 230-0045, Japan (E-mail:genome-  
 res@gsc.riken.jp, URL:http://genome.gsc.riken.jp/,  
 Tel:81-45-503-9222, Fax:81-45-503-9216)

# FEATURES (FEAT):

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L2 ANSWER 272 OF 313 GENBANK.RTM. COPYRIGHT 2005 on STN

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GenBank VERSION (VER): AK035038.1 GI:26084357
CAS REGISTRY NO. (RN): 492700-62-6
SEQUENCE LENGTH (SQL): 3050
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): High-Throughput CDNA Sequencing
DATE (DATE): 3 Apr 2004
DEFINITION (DEF): Mus musculus 12 days embryo embryonic body between
diaphragm region and neck cDNA, RIKEN full-length
enriched library, clone:9430077M22 product: ***unc5***
homolog (C. elegans) 3, full insert sequence.
KEYWORDS (ST): HTC; CAP trapper
SOURCE: Mus musculus (house mouse)
ORGANISM (ORGN): Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Euteleostomi; Mammalia; Eutheria; Rodentia;
Sciurognathi; Muridae; Murinae; Mus

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COMMENT:

cDNA library was prepared and sequenced in Mouse Genome  
 Encyclopedia Project of Genome Exploration Research Group in Riken  
 Genomic Sciences Center and Genome Science Laboratory in RIKEN.  
 Division of Experimental Animal Research in Riken contributed to  
 prepare mouse tissues.  
 Please visit our web site for further details.  
 URL:<http://genome.gsc.riken.jp/>  
 URL:<http://fantom.gsc.riken.jp/>.

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REFERENCE: 1
AUTHOR (AU): Carninci,P.; Hayashizaki,Y.
TITLE (TI): High-efficiency full-length cDNA cloning
JOURNAL (SO): Meth. Enzymol., 303, 19-44 (1999)
OTHER SOURCE (OS): CA 131:318304
REFERENCE: 2
AUTHOR (AU): Carninci,P.; Shibata,Y.; Hayatsu,N.; Sugahara,Y.;
Shibata,K.; Itoh,M.; Konno,H.; Okazaki,Y.;
Muramatsu,M.; Hayashizaki,Y.
TITLE (TI): Normalization and subtraction of cap-trapper-selected
cDNAs to prepare full-length cDNA libraries for rapid
discovery of new genes
JOURNAL (SO): Genome Res., 10 (10), 1617-1630 (2000)

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REFERENCE: 3  
AUTHOR (AU): Shibata,K.; Itoh,M.; Aizawa,K.; Nagaoka,S.; Sasaki,N.; Carninci,P.; Konno,H.; Akiyama,J.; Nishi,K.; Kitsunai,T.; Tashiro,H.; Itoh,M.; Sumi,N.; Ishii,Y.; Nakamura,S.; Hazama,M.; Nishine,T.; Harada,A.; Yamamoto,R.; Matsumoto,H.; Sakaguchi,S.; Ikegami,T.; Kashiwagi,K.; Fujiwake,S.; Inoue,K.; Togawa,Y.; Izawa,M.; Ohara,E.; Watahiki,M.; Yoneda,Y.; Ishikawa,T.; Ozawa,K.; Tanaka,T.; Matsuura,S.; Kawai,J.; Okazaki,Y.; Muramatsu,M.; Inoue,Y.; Kira,A.; Hayashizaki,Y.  
TITLE (TI): RIKEN integrated sequence analysis (RISA) system--384-format sequencing pipeline with 384 multicapillary sequencer  
JOURNAL (SO): Genome Res., 10 (11), 1757-1771 (2000)  
REFERENCE: 4  
AUTHOR (AU): The RIKEN Genome Exploration Research Group Phase II Team; the FANTOM Consortium.  
TITLE (TI): Functional annotation of a full-length mouse cDNA collection  
JOURNAL (SO): Nature, 409, 685-690 (2001)  
OTHER SOURCE (OS): CA 134:203311  
REFERENCE: 5  
AUTHOR (AU): The FANTOM Consortium; the RIKEN Genome Exploration Research Group Phase I & II Team.  
TITLE (TI): Analysis of the mouse transcriptome based on functional annotation of 60,770 full-length cDNAs  
JOURNAL (SO): Nature, 420, 563-573 (2002)  
OTHER SOURCE (OS): CA 138:131939  
REFERENCE: 6 (bases 1 to 3050)  
AUTHOR (AU): Adachi,J.; Aizawa,K.; Akimura,T.; Arakawa,T.; Bono,H.; Carninci,P.; Fukuda,S.; Furuno,M.; Hanagaki,T.; Hara,A.; Hashizume,W.; Hayashida,K.; Hayatsu,N.; Hiramoto,K.; Hiraoka,T.; Hirozane,T.; Hori,F.; Imotani,K.; Ishii,Y.; Itoh,M.; Kagawa,I.; Kasukawa,T.; Katoh,H.; Kawai,J.; Kojima,Y.; Kondo,S.; Konno,H.; Kouda,M.; Koya,S.; Kurihara,C.; Matsuyama,T.; Miyazaki,A.; Murata,M.; Nakamura,M.; Nishi,K.; Nomura,K.; Numazaki,R.; Ohno,M.; Ohsato,N.; Okazaki,Y.; Saito,R.; Saitoh,H.; Sakai,C.; Sakai,K.; Sakazume,N.; Sano,H.; Sasaki,D.; Shibata,K.; Shinagawa,A.; Shiraki,T.; Sogabe,Y.; Tagami,M.; Tagawa,A.; Takahashi,F.; Takaku-Akahira,S.; Takeda,Y.; Tanaka,T.; Tomaru,A.; Toya,T.; Yasunishi,A.; Muramatsu,M.; Hayashizaki,Y.  
TITLE (TI): Direct Submission  
JOURNAL (SO): Submitted (16-JUL-2001) Yoshihide Hayashizaki, The Institute of Physical and Chemical Research (RIKEN), Laboratory for Genome Exploration Research Group, RIKEN Genomic Sciences Center (GSC), RIKEN Yokohama Institute; 1-7-22 Suehiro-cho, Tsurumi-ku, Yokohama, Kanagawa 230-0045, Japan (E-mail:genome-res@gsc.riken.jp, URL:http://genome.gsc.riken.jp/, Tel:81-45-503-9222, Fax:81-45-503-9216)

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L2 ANSWER 273 OF 313 GENBANK.RTM. COPYRIGHT 2005 on STN

LOCUS (LOC): AK034558 GenBank (R)  
GenBank ACC. NO. (GBN): AK034558  
GenBank VERSION (VER): AK034558.1 GI:26084048  
CAS REGISTRY NO. (RN): 492697-53-7  
SEQUENCE LENGTH (SQL): 3052  
MOLECULE TYPE (CI): mRNA; linear  
DIVISION CODE (CI): High-Throughput CDNA Sequencing  
DATE (DATE): 3 Apr 2004  
DEFINITION (DEF): Mus musculus 12 days embryo embryonic body between

enriched library, clone:9430006E08 product: \*\*\*unc5\*\*\*  
homolog (C. elegans) 3, full insert sequence.

KEYWORDS (ST): HTC; CAP trapper

SOURCE: Mus musculus (house mouse)

ORGANISM (ORGN): Mus musculus  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;  
Euteleostomi; Mammalia; Eutheria; Rodentia;  
Sciurognathi; Muridae; Murinae; Mus

COMMENT:  
cDNA library was prepared and sequenced in Mouse Genome  
Encyclopedia Project of Genome Exploration Research Group in Riken  
Genomic Sciences Center and Genome Science Laboratory in RIKEN.  
Division of Experimental Animal Research in Riken contributed to  
prepare mouse tissues.  
Please visit our web site for further details.  
URL:<http://genome.gsc.riken.jp/>  
URL:<http://fantom.gsc.riken.jp/>.

REFERENCE: 1  
AUTHOR (AU): Carninci,P.; Hayashizaki,Y.  
TITLE (TI): High-efficiency full-length cDNA cloning  
JOURNAL (SO): Meth. Enzymol., 303, 19-44 (1999)  
OTHER SOURCE (OS): CA 131:318304

REFERENCE: 2  
AUTHOR (AU): Carninci,P.; Shibata,Y.; Hayatsu,N.; Sugahara,Y.;  
Shibata,K.; Itoh,M.; Konno,H.; Okazaki,Y.;  
Muramatsu,M.; Hayashizaki,Y.  
TITLE (TI): Normalization and subtraction of cap-trapper-selected  
cDNAs to prepare full-length cDNA libraries for rapid  
discovery of new genes  
JOURNAL (SO): Genome Res., 10 (10), 1617-1630 (2000)  
OTHER SOURCE (OS): CA 134:305920

REFERENCE: 3  
AUTHOR (AU): Shibata,K.; Itoh,M.; Aizawa,K.; Nagaoka,S.; Sasaki,N.;  
Carninci,P.; Konno,H.; Akiyama,J.; Nishi,K.;  
Kitsunai,T.; Tashiro,H.; Itoh,M.; Sumi,N.; Ishii,Y.;  
Nakamura,S.; Hazama,M.; Nishine,T.; Harada,A.;  
Yamamoto,R.; Matsumoto,H.; Sakaguchi,S.; Ikegami,T.;  
Kashiwagi,K.; Fujiwake,S.; Inoue,K.; Togawa,Y.;  
Izawa,M.; Ohara,E.; Watahiki,M.; Yoneda,Y.;  
Ishikawa,T.; Ozawa,K.; Tanaka,T.; Matsuura,S.;  
Kawai,J.; Okazaki,Y.; Muramatsu,M.; Inoue,Y.; Kira,A.;  
Hayashizaki,Y.  
TITLE (TI): RIKEN integrated sequence analysis (RISA)  
system--384-format sequencing pipeline with 384  
multicapillary sequencer  
JOURNAL (SO): Genome Res., 10 (11), 1757-1771 (2000)

REFERENCE: 4  
AUTHOR (AU): The RIKEN Genome Exploration Research Group Phase II  
Team; the FANTOM Consortium.  
TITLE (TI): Functional annotation of a full-length mouse cDNA  
collection  
JOURNAL (SO): Nature, 409, 685-690 (2001)  
OTHER SOURCE (OS): CA 134:203311

REFERENCE: 5  
AUTHOR (AU): The FANTOM Consortium; the RIKEN Genome Exploration  
Research Group Phase I & II Team.  
TITLE (TI): Analysis of the mouse transcriptome based on functional  
annotation of 60,770 full-length cDNAs  
JOURNAL (SO): Nature, 420, 563-573 (2002)  
OTHER SOURCE (OS): CA 138:131939

REFERENCE: 6 (bases 1 to 3052)  
AUTHOR (AU): Adachi,J.; Aizawa,K.; Akimura,T.; Arakawa,T.; Bono,H.;  
Carninci,P.; Fukuda,S.; Furuno,M.; Hanagaki,T.;  
Hara,A.; Hashizume,W.; Hayashida,K.; Hayatsu,N.;  
Hiramoto,K.; Hiraoka,T.; Hirozane,T.; Hori,F.;  
Imotani,K.; Ishii,Y.; Itoh,M.; Kagawa,I.; Kasukawa,T.;  
Katoh,H.; Kawai,J.; Kojima,Y.; Kondo,S.; Konno,H.;  
Kouda,M.; Koya,S.; Kurihara,C.; Matsuyama,T.;

Nomura,K.; Numazaki,R.; Ohno,M.; Ohsato,N.; Okazaki,Y.;  
 Saito,R.; Saitoh,H.; Sakai,C.; Sakai,K.; Sakazume,N.;  
 Sano,H.; Sasaki,D.; Shibata,K.; Shinagawa,A.;  
 Shiraki,T.; Sogabe,Y.; Tagami,M.; Tagawa,A.;  
 Takahashi,F.; Takaku-Akahira,S.; Takeda,Y.; Tanaka,T.;  
 Tomaru,A.; Toya,T.; Yasunishi,A.; Muramatsu,M.;  
 Hayashizaki,Y.

TITLE (TI):  
 JOURNAL (SO):

Direct Submission  
 Submitted (16-JUL-2001) Yoshihide Hayashizaki, The  
 Institute of Physical and Chemical Research (RIKEN),  
 Laboratory for Genome Exploration Research Group, RIKEN  
 Genomic Sciences Center (GSC), RIKEN Yokohama  
 Institute; 1-7-22 Suehiro-cho, Tsurumi-ku, Yokohama,  
 Kanagawa 230-0045, Japan (E-mail:genome-  
 res@gsc.riken.jp, URL:http://genome.gsc.riken.jp/,  
 Tel:81-45-503-9222, Fax:81-45-503-9216)

# FEATURES (FEAT):

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misc-feature	1..3052	/note="unc5 homolog (C. elegans) 3 (MGD MG1:1095412, GB NM-009472, evidence: BLASTN, 99%, match=464)"

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L2 ANSWER 274 OF 313 GENBANK.RTM. COPYRIGHT 2005 on STN

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LOCUS (LOC): CA771550 GenBank (R)
GenBank ACC. NO. (GBN): CA771550
GenBank VERSION (VER): CA771550.1 GI:26008696
CAS REGISTRY NO. (RN): 550191-82-7
SEQUENCE LENGTH (SQL): 594
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Expressed sequence tag
DATE (DATE): 3 Dec 2002
DEFINITION (DEF): io72f10.y1 HR85 islet Homo sapiens cDNA clone
IMAGE:6131875 5' similar to TR:O08722 O08722
TRANSMEMBRANE RECEPTOR ***UNC5H2*** . ; , mRNA
sequence.
KEYWORDS (ST): EST
SOURCE: Homo sapiens (human)
ORGANISM (ORGN): Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;
Hominidae; Homo
NUCLEIC ACID COUNT (NA): 129 a 203 c 173 g 89 t
COMMENT:
Other ESTs: io72f10.x1
Contact: Douglas Melton, Klaus H. Kaestner, & Hiroshi Inoue
Endocrine Pancreas Consortium
Harvard University, Howard Hughes Medical Institute
Dept of Molecular and Cellular Biology, 7 Divinity Ave, Cambridge,
MA 02138
Tel: 617-495-1812
Fax: 617-495-8557
Email: dmelton@biohp.harvard.edu
Library was constructed by Dr. Hiroshi Inoue DNA sequencing by:
Washington University Genome Sequencing Center For information on
obtaining a clone please contact: Dr. Hiroshi Inoue
(hinoue@im.wustl.edu)
Seq primer: -40RP from Gibco
High quality sequence stop: 437.
REFERENCE: 1 (bases 1 to 594)
AUTHOR (AU): Melton,D.; Brown,J.; Kenty,G.; Permutt,A.; Lee,C.;
Kaestner,K.; Lemishka,I.; Searce,M.; Brestelli,J.;
Gradwohl,G.; Clifton,S.; Hillier,L.; Marra,M.; Pape,D.;
Wylie,T.; Martin,J.; Blistain,A.; Schmitt,A.;
Theising,B.; Ritter,E.; Ronko,I.; Bennett,J.;
Cardenas,M.T; Gibbons,M.; McCann,R.; Cole,R.;
Tsagareishvili,R.; Williams,T., Jackson,Y. ; Bowers,Y.
TITLE (TI): Endocrine Pancreas Consortium
JOURNAL (SO): Unpublished (2000)

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                                   Site-2: XhoI; cDNA made by
                                   oligo-dT priming. Size-selected on
                                   agarose gel. Average insert size
                                   ~1kb. 5' XhoI site was destroyed
                                   after directional cloning.
                                   Amplified once. Contact
                                   information: Hiroshi Inoue, MD,
                                   Metabolism Div. (Alan Permutt
                                   Lab), Washington University School
                                   of Medicine, Box 8127, 660 South
                                   Euclid Ave., St. Louis, MO 63110,
                                   E-mail: hinoue@imgate.wustl.edu,
                                   Tel: 314-362-1916, Fax:
                                   314-747-2692

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SEQUENCE (SEQ):

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L2 ANSWER 275 OF 313 GENBANK.RTM. COPYRIGHT 2005 on STN

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LOCUS (LOC):          AY126437          GenBank (R)
GenBank ACC. NO. (GBN): AY126437
GenBank VERSION (VER): AY126437.1 GI:24710916
CAS REGISTRY NO. (RN): 493091-09-1
SEQUENCE LENGTH (SQL): 3770
MOLECULE TYPE (CI):   mRNA; linear
DIVISION CODE (CI):   Primates
DATE (DATE):          6 Nov 2002
DEFINITION (DEF):     Homo sapiens transmembrane receptor ***UNC5H2***
                        mRNA, complete cds.
SOURCE:
  ORGANISM (ORGN):     Homo sapiens
                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
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                        Hominidae; Homo
NUCLEIC ACID COUNT (NA): 791 a 1207 c 1040 g 732 t
REFERENCE:
  1 (bases 1 to 3770)
  AUTHOR (AU):         Komatsuzaki,K.; Dalvin,S.; Kinane,T.B.
  TITLE (TI):          Modulation of G(alpha(2)) signaling by the axonal
                        guidance molecule ***UNC5H2***
  JOURNAL (SO):        Biochem. Biophys. Res. Commun., 297 (4), 898-905 (2002)
REFERENCE:
  2 (bases 1 to 3770)
  AUTHOR (AU):         Komatsuzaki,K.; Kinane,T.B.
  TITLE (TI):          Direct Submission
  JOURNAL (SO):        Submitted (25-JUN-2002) Pediatrics, Massachusetts
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                        USA

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CHILLDQLGTYVFTGESYSRSAVK
RLQLAVFAPALCTSLEYSLRVYCLEDTPVALKEV
LELERTLGGYLVEEPKPLMFKDSY
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L2 ANSWER 276 OF 313 GENBANK.RTM. COPYRIGHT 2005 on STN

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LOCUS (LOC): BQ832928 GenBank (R)
GenBank ACC. NO. (GBN): BQ832928
GenBank VERSION (VER): BQ832928.1 GI:22864983
CAS REGISTRY NO. (RN): 454074-72-7
SEQUENCE LENGTH (SQL): 688
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Expressed sequence tag
DATE (DATE): 15 Sep 2002
DEFINITION (DEF): B91 AFT024-subtracted library Mus musculus cDNA 5'
similar to ***UNC5H2*** , mRNA sequence.
SOURCE: house mouse.
ORGANISM (ORGN): Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Euteleostomi; Mammalia; Eutheria; Rodentia;
Sciurognathi; Muridae; Murinae; Mus

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NUCLEIC ACID COUNT (NA): 149 a 218 c 158 g 142 t 21 others

COMMENT:

Contact: Moore, Kateri A.  
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Princeton University  
217 Lewis Thomas Laboratory, Washington Road, Princeton, NJ 08544,  
USA  
Tel: 609 258 0605  
Fax: 609 258 2759  
Email: kmoore@molbio.princeton.edu  
These ESTs are derived from a subtracted cDNA library enriched for  
gene products expressed by a hematopoietic stem cell-supporting  
stromal cell line, AFT024.



REFERENCE: 1 (bases 1 to 688)  
 AUTHOR (AU): Hackney,J.A.; Charbord,P.; Brunk,B.P.; Stoeckert,C.J.;  
 Lemischka,I.R. ; Moore,K.A.  
 TITLE (TI): A Molecular Profile of a Hematopoietic Stem Cell Niche  
 JOURNAL (SO): Proc. Natl. Acad. Sci. U.S.A., (2003) In press

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source	1..688	/organism="Mus musculus" /strain="C57Bl/6J" /db-xref="taxon:10090" /clone-lib="AFT024-subtracted library" /tissue-type="Fetal Liver" /cell-type="Stromal cell" /cell-line="AFT024" /dev-stage="Embryonic day 14-14.5" /lab-host="DH10B" /note="Organ: Fetal Liver; Vector: Sport 1; Site-1: Sal I; Site-2: Not I; Two directionally cloned cDNA libraries were made from a hematopoietic stem cell-supporting stromal cell line (AFT024) and from a non-supporting stromal cell line (2018). Subtractive hybridization was performed by hybridization of the target, AFT024, single stranded cDNA library in pSport1 to biotinylated RNA transcribed from the driver, 2018 cDNA library in pSport2 with inserts cloned in the complementary orientation. The AFT024-subtracted library contains 4.2x10 <sup>5</sup> clones and is depleted of common housekeeping gene products eg. beta-actin and enriched for transcripts specific to AFT024. For detailed protocols and additional information please see our website at <a href="http://stromalcell.princeton.edu">http://stromalcell.princeton.edu</a> ."

SEQUENCE (SEQ):

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L2 ANSWER 277 OF 313 GENBANK.RTM. COPYRIGHT 2005 on STN

LOCUS (LOC): MMU487853 GenBank (R)  
 GenBank ACC. NO. (GBN): AJ487853  
 GenBank VERSION (VER): AJ487853.1 GI:22080673  
 CAS REGISTRY NO. (RN): 445645-43-2  
 SEQUENCE LENGTH (SQL): 3788  
 MOLECULE TYPE (CI): mRNA; linear  
 DIVISION CODE (CI): Rodents

DEFINITION (DEF): Mus musculus mRNA for netrin receptor \*\*\*Unc5h2\*\*\*  
 ( \*\*\*Unc5h2\*\*\* gene).  
 SOURCE: house mouse.  
 ORGANISM (ORGN): Mus musculus  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;  
 Euteleostomi; Mammalia; Eutheria; Rodentia;  
 Sciurognathi; Muridae; Murinae; Mus  
 NUCLEIC ACID COUNT (NA): 802 a 1182 c 1115 g 689 t  
 REFERENCE: 1  
 AUTHOR (AU): Engelkamp,D.  
 TITLE (TI): Cloning of three mouse unc-5 genes and their expression  
 patterns at mid-gestation  
 JOURNAL (SO): Mech. Dev., 118 (1-2), 191-197 (2002)  
 OTHER SOURCE (OS): CA 138:118215  
 REFERENCE: 2 (bases 1 to 3788)  
 AUTHOR (AU): Engelkamp,D.  
 TITLE (TI): Direct Submission  
 JOURNAL (SO): Submitted (15-MAY-2002) Neuroanatomy, Max Planck  
 Institute for Brain Research, Deutschordenstrasse 46,  
 Frankfurt 60528, GERMANY

# FEATURES (FEAT):

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L2 ANSWER 278 OF 313 GENBANK.RTM. COPYRIGHT 2005 on STN

LOCUS (LOC): MMU487852 GenBank (R)  
 GenBank ACC. NO. (GBN): AJ487852  
 GenBank VERSION (VER): AJ487852.1 GI:22035783

SEQUENCE LENGTH (SQL): 3992  
 MOLECULE TYPE (CI): mRNA; linear  
 DIVISION CODE (CI): Rodents  
 DATE (DATE): 24 Sep 2002  
 DEFINITION (DEF): Mus musculus mRNA for netrin receptor \*\*\*Unc5h1\*\*\*  
 ( \*\*\*Unc5h1\*\*\* gene).  
 SOURCE: house mouse.  
 ORGANISM (ORGN): Mus musculus  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;  
 Euteleostomi; Mammalia; Eutheria; Rodentia;  
 Sciurognathi; Muridae; Murinae; Mus  
 NUCLEIC ACID COUNT (NA): 737 a 1340 c 1145 g 770 t  
 REFERENCE: 1  
 AUTHOR (AU): Engelkamp,D.  
 TITLE (TI): Cloning of three mouse unc-5 genes and their expression  
 patterns at mid-gestation  
 JOURNAL (SO): Mech. Dev., 118 (1-2), 191-197 (2002)  
 OTHER SOURCE (OS): CA 138:118215  
 REFERENCE: 2 (bases 1 to 3992)  
 AUTHOR (AU): Engelkamp,D.  
 TITLE (TI): Direct Submission  
 JOURNAL (SO): Submitted (15-MAY-2002) Neuroanatomy, Max Planck  
 Institute for Brain Research, Deutschordenstrasse 46,  
 Frankfurt 60528, GERMANY

FEATURES (FEAT):

Feature Key	Location	Qualifier
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